International Approval Series

Africa Product Compliance: The Top 25 Countries

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About the presenter

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Mark Maynard is the Training & Business Development Manager for Washington Labs Academy

- Also has a dual role at ACB as the IA & Business Development Manager
- Has over 30 years experience in Compliance and RF Engineering
- Specialties include international certifications and approvals for EMC/EMI, Wireless/Telecom, Product Safety, Design for the Environment, and Quality Management Systems,
- He is a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE),
- Immediate Past-President of the Product Safety Engineering Society
- Active with annual IEEE EMC+SIPI Symposium Committee

Credit where credit is due:

- Maps, photos, flag artwork, and country demographic information in this presentation are courtesy of the US Central Intelligence Agency (CIA) & obtained from their **The World Factbook** website at this URL, *unless otherwise noted*:
- www.cia.gov/library/publications/the-world-factbook

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International Approvals (IA) Vocabulary

- **Local Representative** (or **Local Rep**) – An in-country agent, authorized via a Registered Letter of Authorization, to serve as an official for an importing manufacturing company
- **GDP-PPP** – The **Gross Domestic Product** on a **Purchasing Power Parity** basis, which is found by dividing the GDP by population for each country, and is a rough measure for the economic output per capita, used in economic and marketing analysis
- **WPR** – The World Population Ranking for each country, where the 1st is the most populous (China at ~ 1.4 billion), and the 237th is the least populated (Pitcairn Islands at 54)
- **APR** – The Africa Population Ranking, ranking each African country by total number of inhabitants

Agenda:

Africa Product Compliance:
The Top 25 Countries

- Africa Introduction & Background
- Africa's Top 25 Market Countries Product Compliance Requirements
  - (by population rank)
- Conclusions and Recommendations
- Appendix: US Embargoed Countries in Africa

Africa Introduction

- Africa is the world's 2nd largest continent, with 50 countries

- First, two clarifications:
  - West Africa refers to a region of the African continent, not a specific country
  - However, South Africa is a country, so when referring to the southern region of the continent, the term "Southern Africa" will be used

Africa Introduction

Mercator
Projection Map

Africa Introduction

Comparison of continental land mass and populations

Continent	Area (km²) [not in citation given]	Area (mi²) [not in citation given]	Percent total landmass [not in citation given]	Population	Percent total pop.
Africa	30,370,000	11,730,000	20.4%	1,287,920,000	16.9%
Antarctica	14,000,000	5,400,000	9.2%	4,490[28]	0.0%
Asia	44,579,000	17,212,000	29.5%	4,545,133,000	59.5%
Europe	10,180,000	3,930,000	6.8%	742,648,000	9.7%
North America	24,709,000	9,540,000	16.5%	587,615,000	7.7%
Australia/Oceania	8,600,000	3,300,000	5.9%	41,261,000	0.5%
South America	17,840,000	6,890,000	12.0%	428,240,000	5.6%

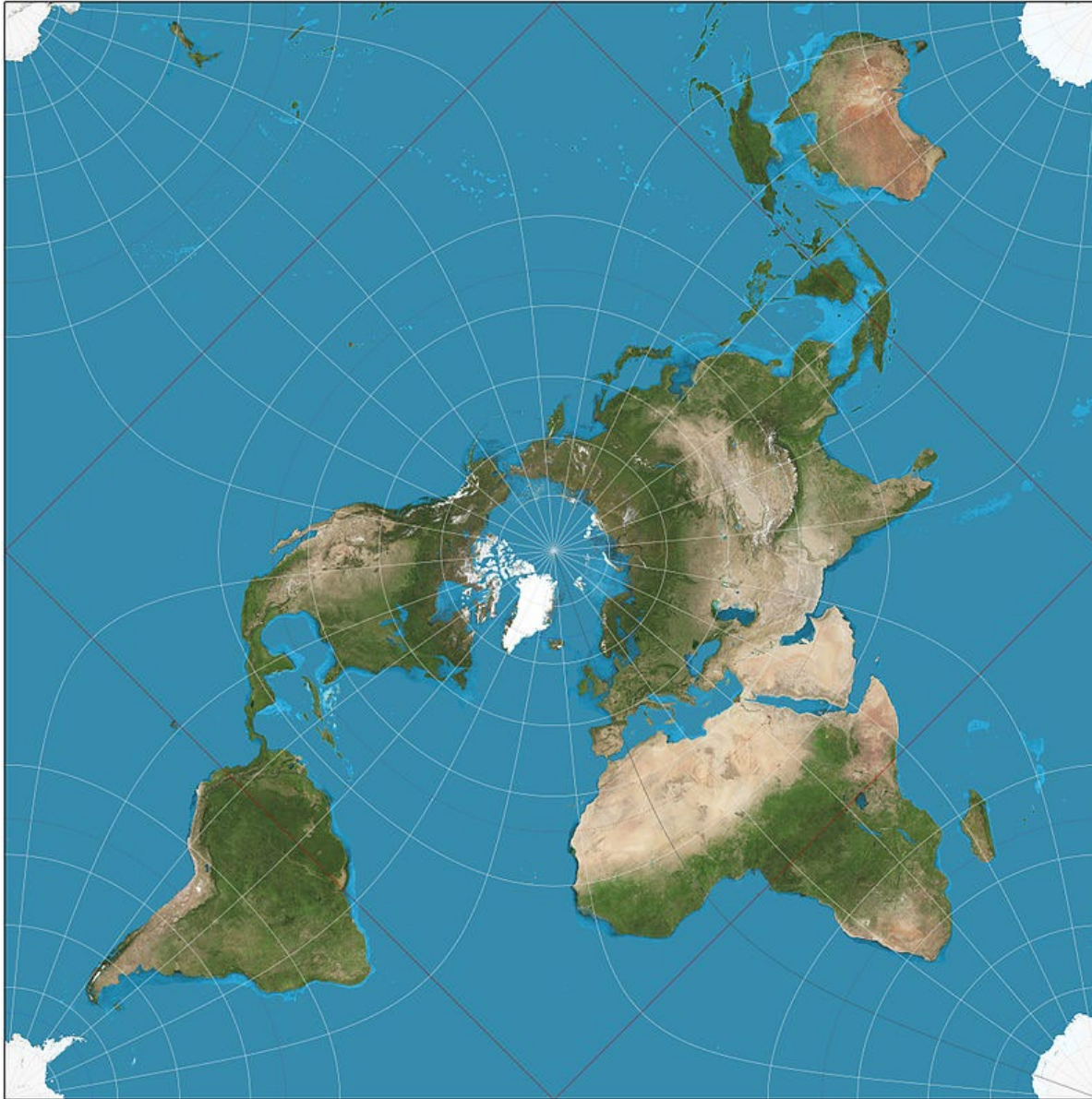Chart from Wikipedia online (https://en.wikipedia.org/wiki/Continent#Area_and_population)

Africa Introduction
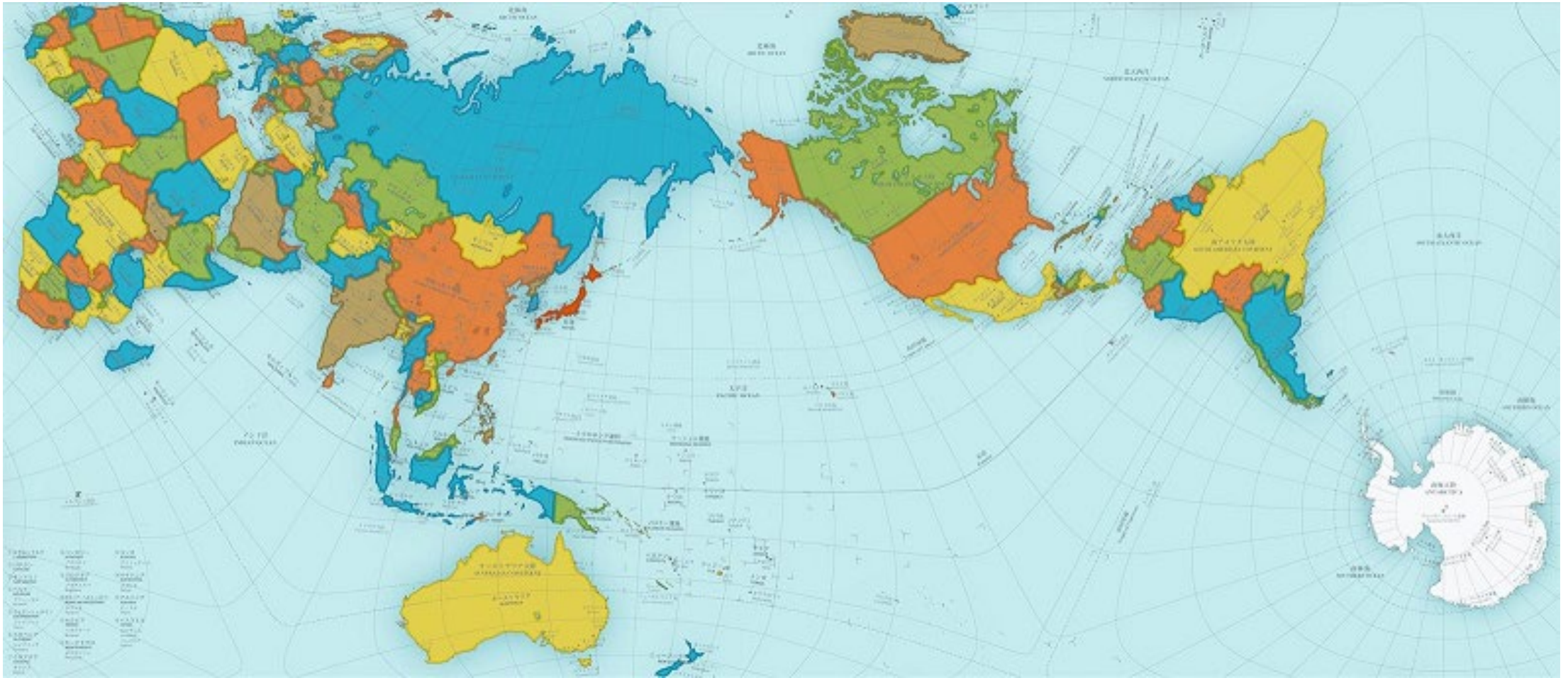
Authagraph Projection Map (1999 – Hajime Narukawa)

Africa Introduction

Peirce Quincuncial Projection Map
(1879 – Charles Sanders Peirce)

Africa Introduction

Most are "Emerging" Economies

- Many developing economies
- Big infrastructure initiatives
- Many are resource rich
- Large base of potential customers
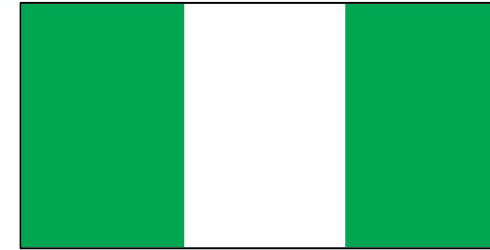- Requires long-term commitment, flexibility, and local expertise

Nigeria

- Geographical area: Western Africa

GDP-PPP: 24th
WPR: #7
APR: #1

Nigeria

Telecom authority: Nigerian Communications Commission

- Website: www.ncc.gov.ng (English)
- Standards agency: Standards Organization of Nigeria - Conformity Assessment Program
- Agency website: www.son.gov.ng (English)
- A local rep and labels are required
- Test samples are <u>not</u> required
- Standards Accepted for Proof of Conformity: EU (CE)
- Required application submittal documents: CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 8-12 weeks; no expiry date on certificate
  - *Note:* Both NCC and SONCAP certifications must be obtained
- Products in Scope: wireless and telecom devices and products

Ethiopia

- Geographical area: Eastern Africa

GDP-PPP: 64th
WPR: #12
APR: #2

Ethiopia

Telecom Authority: Ethio Telecom (ET)

- Agency website: www.ethionet.et (English)
- Ministry of Communications & Information Technology website: www.mcit.gov.et/web/english/
  - (non-functioning Jan. 2019)
- Local rep, test samples & labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Egypt

- Geographical Area: Northern Africa

GDP-PPP: 21st
WPR: #14
APR: #3

Egypt

Agency: National Telecommunication Regulatory Authority

- Agency website: www.tra.gov.eg/en/SitePages/default.aspx
- A local rep and product labels are <u>not</u> required
- In-country testing is only required for <u>telecom</u> products
- Standards Accepted for Proof of Conformity: EU (CE)
- Required application submittal documents: CE Declaration of Conformity (DoC) & EU test reports (RED/EMC/Safety)
- Approval Lead Time & Validity: 8-10 weeks; no expiry date
- Products in Scope: wireless, telecom, and ITE devices and products
- **Note:** Frequent delays have been experienced at times of political unrest.

Tanzania

- Geographical area: Central Africa

GDP-PPP: 75th
WPR: #25
APR: #5

Tanzania

Telecom authority: Tanzania Communications Regulatory Authority (TCRA)

- Agency website: www.tcra.go.tz (English)
- A local representative, test samples & labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

South Africa

- Geographical area: Southern Africa

GDP-PPP: 30th
WPR: #26
APR: #6

South Africa

Telecom authority: Independent Communications Authority of South Africa (ICASA)

- Agency website: www.icasa.org.za (English)
- A local representative and labels are required
- Test samples are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products
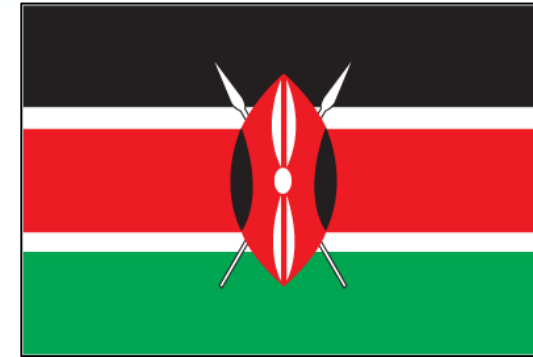- Notes: ICASA application forms and account setup are required

Kenya

- Geographical area: Eastern Africa

GDP-PPP: 74th
WPR: #29
APR: #7

Kenya

Telecom authority: Communications Authority of Kenya (CAK)

- Agency website: http://ca.go.ke (English)
- A local rep and test samples are required
- Label markings are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products
- Notes: Certification is granted in two stages; first a provisional "Type 1" approval is issued, followed by the final approval certification
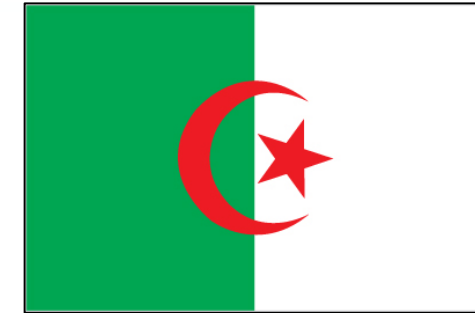
Algeria

- Geographical area: Northern Africa

GDP-PPP: 36th
WPR: #34
APR: #9

Algeria

Telecom authority: Authority for the Regulation of Posts & Telecommunications (ARPT)

- Agency website: www.arpt.dz (in French & Arabic)

- A local representative is required in-country

- Test samples and product labeling are required

- Standards Accepted for Proof of Conformity: FCC, EU (CE)

- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep

- Approval Lead Time & Validity: 8-10 weeks; 2 years

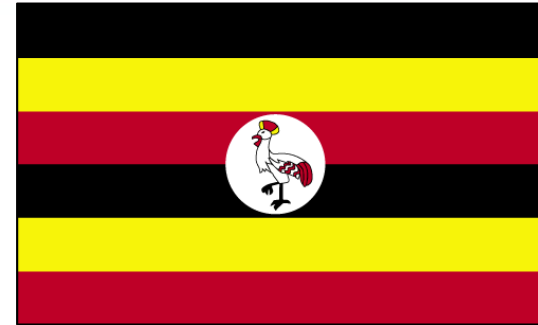- Products in Scope: wireless and telecom devices and products

Uganda

- Geographical area: Central Africa

GDP-PPP: 89th
WPR: #35
APR: #10

Uganda

Telecom authority: Uganda Communications Commission

- Agency website: www.ucc.co.ug (English)

- Local rep, test samples, and labels are not required

- Standards Accepted for Proof of Conformity: EU (CE)

- Required application submittal documents: CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports

- Approval Lead Time & Validity: 6-10 weeks; no expiry date

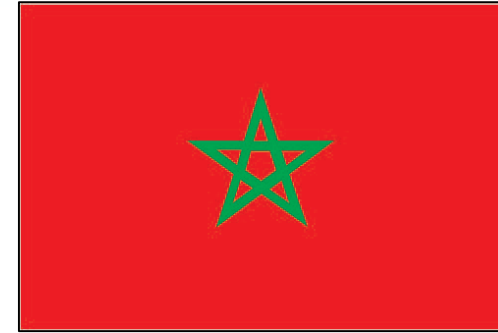- Products in Scope: wireless and telecom devices and products

UCC UGANDA COMMUNICATIONS COMMISSION Communications for All

Morocco

- Geographical area: Northern Africa

GDP-PPP: 57th
WPR: #40
APR: #11

Morocco

Telecom authority: Agence Nationale de Réglementation des Telecommunications

- Agency website: www.anrt.ma/en (English)
- A local representative and labels are required
- Test samples are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; 10 years
- Products in Scope: wireless and telecom devices and products, e.g. Bluetooth

Angola

- Geographical area: Southern Africa

GDP-PPP: 65th
WPR: #45
APR: #12

Angola

Telecom authority: Institute of Communications

- Agency website: www.inacom.og.ao (Portuguese)
  - (non-functioning Jan. 2019)
- Ministry of Telecom and IT website: www.mtti.gov.ao (Portuguese)
  - (non-functioning Jan. 2019)
- A local rep is required; test samples are <u>not</u> required
- FCC or CE label markings are accepted
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Ghana

- Geographical area: Western Africa

GDP-PPP: 80th
WPR: #49
APR: #13

Ghana

Telecom authority: National Communications Authority (NCA)

- Agency website: www.nca.org.gh (English)
- A local representative and labels are <u>not</u> required
- Test samples are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Mozambique

- Geographical area: Southern Africa

GDP-PPP: 122nd
WPR: #50
APR: #14

Mozambique

Telecom authority: National Institute of Communications

- Agency website: www.incm.gov.mz (Portuguese)
- A local representative is required in-country
- Test samples and labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, local rep LOA
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Cote d'Ivoire
(Ivory Coast)

- Geographical area: Western Africa

GDP-PPP: 86th
WPR: #51
APR: #15

Cote d'Ivoire
(Ivory Coast)

Telecom Authority: Authority for Regulation of Telecommunications of Cote d'Ivoire (ARTCI)

- Agency website: www.artci.ci (French)

- A local rep and test samples are required; labels are <u>not</u> required

- Standards Accepted for Proof of Conformity: FCC, EU (CE)

- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep

- Approval Lead Time & Validity: 6-10 weeks; 5 years

- Products in Scope: wireless and telecom devices and products

ARTCI
AUTORITE DE REGULATION DES TELECOMMUNICATIONS/TIC DE COTE D'IVOIRE

Madagascar

- Geographical area: Island nation off the southeast coast of Africa
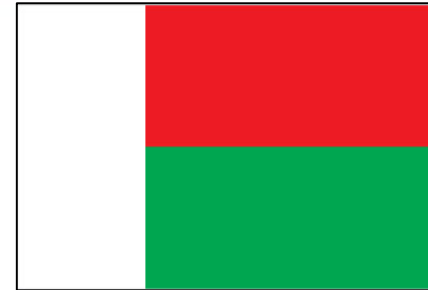
GDP-PPP: 119th
WPR: #52
APR: #16

Madagascar

Telecom authority: Authority of Regulating Communications Technology (ARTEC)

- Agency website: www.omert.mg (French) (non-functioning Jan. 2019)
- An in-country local representative is required
- Test samples are required
- FCC or CE label markings are accepted
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Cameroon

- Geographical area: Central Africa

GDP-PPP: 88th
WPR: #53
APR: #17

Cameroon

Telecom authority: Telecommunications Regulatory Board (ART)
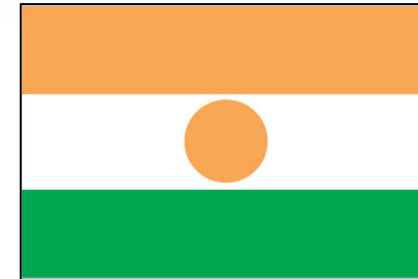
- Agency website: www.art.cm (French or English)
- A local representative is required in-country
- Test samples and label marks are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; 5 years
- Products in Scope: wireless and telecom devices and products

Niger

- Geographical area: Western Africa

GDP-PPP: 146th
WPR: #59
APR: #18

Niger

Telecom authority: Authority for Regulation of Electronic Communications and Posts (ARCEP)

- Agency website: www.arcep.ne (French)
- This is a new agency name, logo, and website URL
- A local representative is <u>not</u> required in-country
- Test samples and labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Malawi

- Geographical area: Southern Africa

GDP-PPP: 145th
WPR: #60
APR: #19

Malawi

Telecom authority: Malawi Communications Regulatory Authority (MACRA)

- Agency website: www.macra.org.mw (English)
- A local rep is required; test samples are <u>not</u> required
- FCC or CE label marks are accepted
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Burkina Faso

- Geographical area: Western Africa

GDP-PPP: 126th
WPR: #61
APR: #20

MALI
NIGER
Ouahigouya
Kaya
Dédougou
OUAGADOUGOU
Koudougou
Fada
N'Gourma
Tenkodogo
Bobo-
Dioulasso
Tena Kourou
Banfora
CÔTE
D'IVOIRE
GHANA
BENIN
TOGO
Lake
Volta

Burkina Faso

Telecom authority: Authority for Regulation of Electronic Communications & Post (ARCEP)
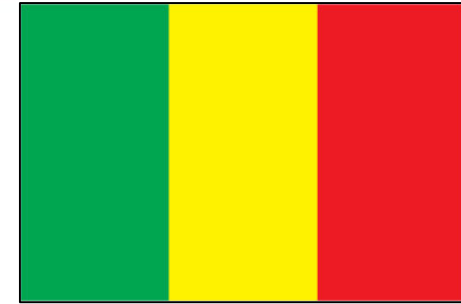
- Agency website: www.arcep.bf (French)
- A local representative is required in-country
- Test samples and labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

- Geographical area: Western Africa

Mali

GDP-PPP: 116th
WPR: #64
APR: #21

Mali

Telecom authority: Regulatory Authority for Telecom, ITE, and Posts (AMRTP)

- Agency website: www.amrtp.ml (French)
- Voluntary/Marketing Requirement
- A local rep and test samples are required
- Labels are not required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; 5 years
- Products in Scope: wireless and telecom devices and products

Zambia

- Geographical area: Southern Africa

GDP-PPP: 102nd
WPR: #70
APR: #22

Zambia

Telecom authority: Zambia Information and Communications Technology Authority (ZICTA)

- Agency website: www.zicta.zm (English)
- A local representative is required in-country
- Test samples and labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Chad
(Republic of Tchad)

- Geographical area: Central Africa

GDP-PPP: 134th
WPR: #71
APR: #23

52

Chad (Republic of Tchad)

Telecom authority: Authority for the Regulations of Electronic Communications and the Post (ARCEP)

AUTORITE DE REGULATION DES COMMUNICATIONS ELECTRONIQUES ET DES POSTES

- Agency website: www.arcep.td (French)
- A local rep and test samples are required
- FCC or CE label marks are accepted
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; 5 years
- Products in Scope: wireless and telecom devices and products

Senegal

- Geographical area: Western Africa

GDP-PPP: 107th
WPR: #72
APR: #24

Senegal

Telecom authority: Authority for Regulation of Telecom and Posts (ARTP)

- Agency website: www.artpsenegal.net (French)
- A local representative is required in-country
- Test samples and labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Rwanda

- Geographical area: Central Africa

GDP-PPP: 142nd
WPR: #74
APR: #26

Rwanda

Telecom authority: Rwanda Utilities Regulatory Authority

- Agency website: www.rura.rw (English)
- A local representative is required
- Test samples and labels are required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

- Geographical area: Western Africa

Guinea Republic

GDP-PPP: 138th
WPR: #75
APR: #27

Guinea Republic

Telecom authority: Authority for Regulation of Posts and Telecommunications (ARPT)

- Agency website: www.arpt.gov.gn (French)
- A local representative and test samples are required
- Labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; 5 years
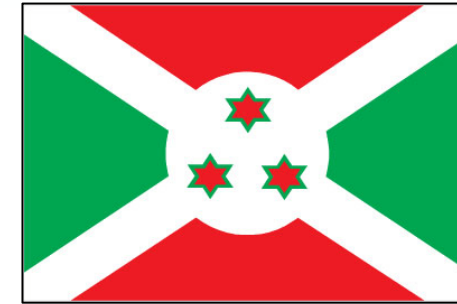- Products in Scope: wireless and telecom devices and products

ARPT

Autorité de Régulation des Postes et Télécommunications

Burundi

- Geographical area: Central Africa

GDP-PPP: 164th
WPR: #76
APR: #28

Burundi

Telecom authority: Agency for the Regulation and Control of Telecommunications (ARCT)

- Agency website: www.arct.gov.bi (French)
- A local representative is required; test samples are not required
- FCC or CE label markings are accepted
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products

Africa Compliance Summary

- Expect frequent new/updated regulatory requirements
  - Especially for new wireless & telecom technologies
  - Developing regulatory systems in developing market countries
- Political and social instability presents challenges
- Evaluate risks vs. rewards; investigate

  - e.g. *List of African countries by GDP (PPP)*
    - http://en.wikipedia.org/wiki/List_of_African_countries_by_GDP
  - When researching, check country domain names
    - (e.g. ".eg" for Egypt)

Africa Compliance Summary

- Join industry affinity groups to learn from other's experience
  - IEEE Societies, i.e. EMC, Product Safety Engineering
  - Linked In groups, e.g. IoT International Compliance, Wireless Certification Professionals
- Find a reliable & knowledgeable partner for testing and certifications
  - Verify test labs have required accreditations
  - Ensure country-specific deviations are documented in the required report format
  - Be sensitive to the local business customs
 - Agency contacts are critical

Countries with full or partial US Embargo on trade:

- **Embargoed countries in the top 25 for population ranking**
  - **Democratic Republic of the Congo (APR 4th)**
  - **Sudan (APR 8th)**
  - **Zimbabwe (APR 25th)**

- **Embargoed countries in the bottom 25 for population ranking**
  - **South Sudan (APR 27th)**
  - **Libya (APR 36th)**
  - **Central African Republic (APR 38th)**

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Democratic Republic of the Congo

- Geographical area: Central Africa
- U.S. Embargoed "Targeted Parties" in Country
  - For "Certain persons contributing to the conflict in Democratic Republic of the Congo" – "Controls over dual-use exports"
  - US Department of the Treasury – Sanctions Programs and Country Information:
  - www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx
- Telecom authority: Authority for Regulation of Posts and Communication Electronics (SCPT)
- Agency website: www.scpt.cd (French)
- A local representative, labels, and test samples are required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep
- Approval Lead Time & Validity: 6-8 weeks; 10 years
- Products in Scope: wireless and telecom devices and products, e.g. Bluetooth, Wi-Fi, cell & satellite phones, Telephone Terminal Equipment (TTE)

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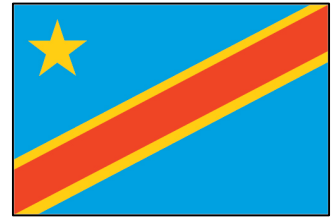
Sudan

- Geographical area: Northeastern Africa
- **U.S. Embargoed Country**
  - "Controls over dual-use exports"
    - Means the product has both military and civilian uses
  - For details, please reference these US Government websites:
  - US Department of the Treasury – Sanctions Programs and Country Information:
  - http://www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx
  - US Department of Commerce – Bureau of Industry and Security:
  - http://www.bis.doc.gov/index.php/regulations/commerce-control-list-ccl

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Zimbabwe

- Geographical area: Southern Africa
- U.S. Embargoed "Targeted Parties" in Country
  - For "Persons undermining democratic processes or institutions in Zimbabwe, including a number of Government Officials" – "Controls over dual-use exports"
  - US Dept. of the Treasury – Sanctions Programs and Country Information
  - www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx
- Telecom authority: Postal & Telecom Agency (POTRAZ)
- Agency website: www.potraz.gov.zw (English)
- A local representative is <u>not</u> required in-country
- Test samples and labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: FCC, EU (CE)
- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports
- Approval Lead Time & Validity: 6-10 weeks; no expiry date
- Products in Scope: wireless and telecom devices and products, e.g. Bluetooth, Wi-Fi, cell & satellite phones, Telephone Terminal Equipment (TTE)

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South Sudan

- Geographical area: Central Africa

- U.S. Embargoed "Targeted Parties" in Country
  - For "Certain persons contributing to the conflict in South Sudan" – "Controls over dual-use exports"
  - US Department of the Treasury – Sanctions Programs and Country Information:
  - www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx

- Telecom authority: National Communication Authority

- Agency website: http://nca-ss.org (English)

- A local rep and test samples are required; labels are not required

- Standards Accepted for Proof of Conformity: FCC, EU (CE)

- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports, LOA for local rep

- Approval Lead Time & Validity: 6-10 weeks; 3 years

- Products in Scope: wireless and telecom devices and products, e.g. Bluetooth, Wi-Fi, cell & satellite phones, Telephone Terminal Equipment (TTE)

- Note: This is a relatively new country and a new agency; expect some delays

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Libya

- Geographical area: Northern Africa
- U.S. Embargoed "Targeted Parties" in Country
  - "Persons associated with the Gaddafi Regime" – "Controls over dual-use exports"
    - US Dept. of the Treasury – Sanctions Programs and Country Information
    - www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx
- Telecom authority: General Authority for Communications and Infomatics (GACI)
- Agency website: www.cim.gov.ly (Arabic)
- A local representative is required
- Test samples & labels are <u>not</u> required
- Standards Accepted for Proof of Conformity: EU (CE)
- Required application submittal documents: CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports or ILAC RED reports, LOA for local rep
- Approval Lead Time & Validity: 6-10 weeks; 5 years
- Products in Scope: wireless and telecom
- Comments: The governmental bureaucracy is not consistent, and delays are common

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General Authority for Communications and Informatics

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Central African Republic

- Geographical area: Central Africa

- U.S. Embargoed "Targeted Parties" in Country

  - For "Persons contributing to the conflict in the Central African Republic" – "Controls over dual-use exports"

  - US Dept. of the Treasury – Sanctions Programs and Country Information

  - www.treasury.gov/resource-enter/sanctions/Programs/Pages/Programs.aspx

- Telecom authority: Agency for Regulation of Telecom (ART)

- Agency website: www.art-rca.org (French) (non-functioning Dec. 2017)

- A local rep and labels are not required

- Test samples are required

- Standards Accepted for Proof of Conformity: FCC, EU (CE)

- Required application submittal documents: FCC grant & test reports or CE Declaration of Conformity (DoC) & EU RED (ETSI) test reports

- Approval Lead Time & Validity: 6-8 weeks; 5 years

- Products in Scope: wireless and telecom devices and products, e.g. Bluetooth, Wi-Fi, cell & satellite phones, Telephone Terminal Equipment (TTE)

ART
REPUBLIQUE CENTRAFRICAINE

Questions?

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More International Compliance Questions?

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