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Telecom Regulatory in Myanmar

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Brief about Myanmar

Geography

- largest on the mainland in south-east Asia
- total land area of 676,577 square kilometer
- International borders of 5858 Kilometer with Bangladesh, India, China, Thailand and Laos
- total coastal line length 2832 kilometer
- 2090 km (north to south) and 925 km (east to west).

Topography

- 50% of mountains and forests
Evolution of Market Structure

- Myanmar Post and Telecom (MPT) is the current operator and Second Myanmar Operator will come.
- Two new licensees (Telenor and Ooredoo) have been selected to provide telecommunications services in Myanmar as Integrated license operators.
- Telecommunications law is promulgated on 8-10-2013.
- New law allows international and domestic private sector can participate in free and fair competition.
- Independent Regulator to be established in 2015.
Institutional Setup until end 2015

- MCIT as Policy maker
- PTD as regulator and licensor
- MPT, Second Myanmar Operator and two new mobile operators
- Other operators will be licensed to provide various services (e.g. infrastructure provider, network service, application service etc)
Current Ministry Structure

Minister,
Ministry of Communications and Information Technology

DG - Posts and Telecommunications Department (Government Regulatory)

MD - Myanmar Posts and Telecommunications (Government Own Operator)
Our Vision - Telecom Policy

• To increase deployment of national telecommunications infrastructure.

• To provide a financially viable telecommunications sector conducive to sustainable investment in telecommunications infrastructure.

• To improve the efficiency and effectiveness of telecommunications service delivery to end users.

• To provide telecommunication services at the affordable price.

• To fulfill universal services obligation to the people of Myanmar.
Our Vision- ICT Policy

• Promote cooperation for ICT development
• Enhance competitiveness of the ICT sectors
• Promote cooperation to reduce digital divide
• Promote cooperation between State and private sectors
• Increase the availability of information technologies to all the citizens of our country.
5 Key Regulations

1. Licensing Regulation
2. Spectrum Regulation
3. Numbering Regulation
4. Interconnection and Access Regulation
5. Competition Regulation

Public Consultations will be held before finalizing the regulations (2-12-2013).

Next set of regulatory instruments to be developed:

• Universal Access Strategy, Regulations/Procedures
• Consumer protections
• Standardization and Type Approval
Proposed Procedure for a license for Equipment and components

1. Submit an application
   Or (Custom Department)

2. Consider whether radiocommunication Equipment
   - No
   - Yes
     Within Licence-exempt Frequency
     - No
     - Yes
       Issued a licence with specific licensing conditions

3. Comply with Technical Standards
   - No
   - Yes
     Document for Type approval Required complete
     - Yes
       Type approved Lab (MoST)
       Issued Certificate by Label number and condition
     - No
       Not allowed to use
     - Fail
       Type approved Test
     - Passed
       Type approved Lab (MoST)

4. Pre-Standards By Authority
   - No
   - Yes
     Notify applicant for Document (within 1 week)
     - Yes
     - No
       Not allowed to use

5. Within allowed Power limit
   - No
   - Yes
     Banned Equipment by Public Announcement

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Telecom Reform Trend

- **Government Monopoly** → **Fully Competition**
- **Infrastructure Expansion by Budget** → **Infrastructure Expansion by Investment**
- **Barrier to Foreign Investment** → **Legal Framework to FDI**
- **SIM distribution by Quota (Not depend on Market demand)** → **Rapid Growth of tele-density exciding 75-80% by 2015-2016**
- **Regulator is a government Department** → **Regulator is a facilitator to develop telecom Industry**
Proposed Licensing Hierarchy

Network Facilities Service(I) (Facilities as well as Service Based)

Network Service (Service Based Only)

Application Service (Service Based Only)

Network Facilities Service(C) (Facilities Based Only)
The telecom sector will comprise of four integrated licensees + licensees of specific types of license

**Fixed Customers**

- Fixed Operators
- ISPs

**Mobile Customers**

- Value Added services
- Distribution Network / Call Centre
- MVNOs

**Network Service**

- Cable
- WLL

**Infrastructure**

- Many businesses to serve main operators, e.g.:
  - Towerco (install., maintenance, operations)
  - Fibre network (install, lease, maintenance)

1) Value added Services (such as music, directory services, apps, ringtones, GPS maps, …)
2) Wireless loop unbundling

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Thank you