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Country Experience
of
Myanmar

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Agenda

- Brief about Myanmar
- Organization Structure
- National Slots
- Regulatory Framework
- Market Opportunity
- Status of Myanmar Satellite Project
- Future Plan
- Challenges

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 2832kilometer.
- ❖ 2090 kilometer (north to south)and 925 kilometer
(east to west).

Topography

- ❖ 50% of mountains and forests (northern and eastern)



Organization Structure

Ministry of Transport and Communications

Ministry Office for Communications

- Post and Telecommunication Department (PTD)
- Myanma Telecommunication (MPT)
- Myanmar Post (MP)
- Information Technology and Cyber Security Department (ITCSD)

Orbital Resources

Fixed Satellite Service

- FSS Orbital Position = 111.5 E
- Notice BRM00000 (Notice ID. 90558038)

Broadcasting Satellite Service

- BSS Orbital Position = 104 E
- Notices BRM29800 (IDs 100550035 and 100550680)

Frequency Assignment

FSS

- 4.4 - 4.8 GHz, 6.725 – 7.025 GHz
- 10.7 – 10.95 GHz, 11.2 – 11.45 and 12.75 – 13.25 (downlink)
- 14.5 – 14.8 GHz and 17.3 – 18.1 GHz (uplink)

BSS

- 11.7 – 12.2 GHz, 6.725 – 7.025 GHz
- 10.7 – 10.95 GHz, 11.2 – 11.45 and 12.75 – 13.25 (downlink)
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Regulatory Framework

Regulatory Framework in Telecommunication

- Spectrum & Indicator Management
- Competitive Markets
- Infrastructure Sharing and Interconnection
- Licensing
- Voice over Internet Protocol
- Universal Access and Service

Licenses

Licenses are regulated by PTD and there are

- (i) wide area network license (establishment and service),
- (ii) service license, (iii) station license,
- (iv) satellite phone and very small aperture terminal license,
- (v) mobile license, (vi) microwave license,
- (vii) wireless local loop license,
- (viii) long-range and short-range cordless phone license,
- (ix) point-to-point license, (x) telecom equipment repair license, (xi) telecom equipment dealer license,
- (xii) certificating authority license, and
- (xiii) public access center license.

Telecom Policy in Myanmar

- 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.

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 the country.

Market Opportunity

Opportunities and Developments in Myanmar's ICT and Broadcasting Markets

- The new broadcasting law was promulgated.
- This will facilitate the launch of new media channels
- Satellite Internet Broadband
- Satellite DTH
- There will be strong demand for Satellite Capacity.

Status of Myanmar Satellite Project

First step of Myanmar Satellite System Project was started as CondoSat Scheme

- Naming MyanmarSat 1 a for C band service was launched in 1st May, 2016.

Initial Capacity = 7 x (36 MHz Transponder)

CondoSat Scheme on IS 902, 62°E Satellite

- Naming MyanmarSat 1 b for Ku band service will be launched on 1st Oct 2016

Initial Capacity = 3 x (36 MHz Transponder)

CondoSat Scheme on IS 906, 64.15° E Satellite

Future Plan

Second Step

- JV or Co-ownership Scheme
- Availability to use national allotment resources
- Naming MyanmarSat 2 will be launched in future
- More C band and Ku band Services in same Satellite

Third Step

- National Satellite
- 5 Years Plan

Challenges

CondoSat System faced with Following Challenges

- Lack of Human Resources
- Technical Issue for Migrating of existing Networks to combine with the new system
- To least the Capacity in time
- Delaying to build the Tower cause of national disaster (flooding & earth quake)
- Taxes

Stamp Tax = 3 % of contract amount

Commercial Tax = 5 % on payment

Withholding Tax = 2 % or 3.5 % on payment

Challenges 2

Challenges to Launch National Satellite System

- Lack of Human Resources
- Lack of Financial Resources
- Delayed Demand
- Need to do long term plan
- Need Consultancy
- Not a Viable Business for now
- Difficulties to do Sale and Marketing in neighboring Countries.

Thank you

