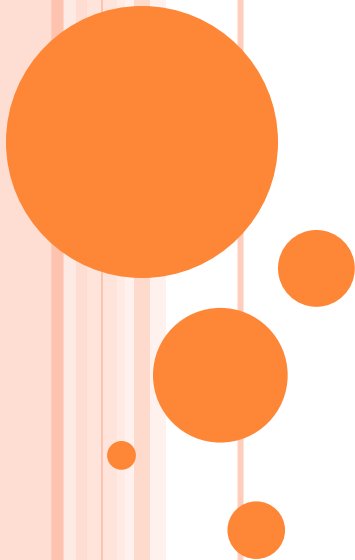


MIC MRA International Workshop 2015

OVERVIEW OF CONFORMITY CERTIFICATION SYSTEMS IN 5 COUNTRIES AND EU

March 4th, 2015

Future Opinion Ltd. Noriaki Koizumi



Competent Authority
Regulatory Authority

Competent Authority

Regulatory Authority

DB DB

Certification Body
Testing Body

RE-Certification Body
MRA Recognized CBs

Accredited LAB
MRA Recognized LAB

Equipment Authorization
Scheme

Certification

Equipment
Classification

Wireline TTE Wireless TTE RE
TTE RE

Applicant Qualification

Different from Country to Country

Requirement for Use

Different by Equipment

Requirement
for Import

Different by Equipment

CB Accreditation Body
MRA Partner's
Designation Authority
MRA Partner's
CB Accreditation Body

LAB Accreditation Body
MRA Partner's
Designation Authority
MRA Partner's
LAB Accreditation Body

Technical Regulation Regime for Telecommunications Equipment (General)

□

Competent Authority
Regulatory Authority

MOTC: Ministry of Transport and Communications

NCC: National Communications Commission

Delegation

Certification Body
Testing Body

Recognized Certification Body with Accredited LAB
MRA Recognized CBs with Accredited LAB

Equipment DB

CB & LAB ACC-Body
NCC / Taiwan
Accreditation Foundation

Accredited LAB / MRA Recognized LAB

MRA Partner's
Designation Authority

Exemption: Manufacturer or Accredited Foreign LAB

MRA Partner's
CB ACC-Body

Equipment
Authorization
Scheme

Private
Approval

Type Approval /
DoC Registration

Type Approval /
DoC Registration

Private
Approval

Private Use

For Sale & Use

Use Private

MRA Partner's
LAB ACC-Body

Equipment
Classification

(1)PSTN (2)PLMN (3)ISDN (4)S-PCN

CTRFD

Wireline and Wireless TTE

RE

Applicant
Qualification
Requirement for
Use

In some cases Operation Certificate required (Not for Foreign Manufacture)

In some cases additional requirements

MRA Partners
APEC (LAB/CB)
AU, CA, SG, US (LAB)
CA (CB)

Requirement for
import

In some cases Import Permit required

Technical Regulation Regime for Telecommunications Equipment (Taiwan)

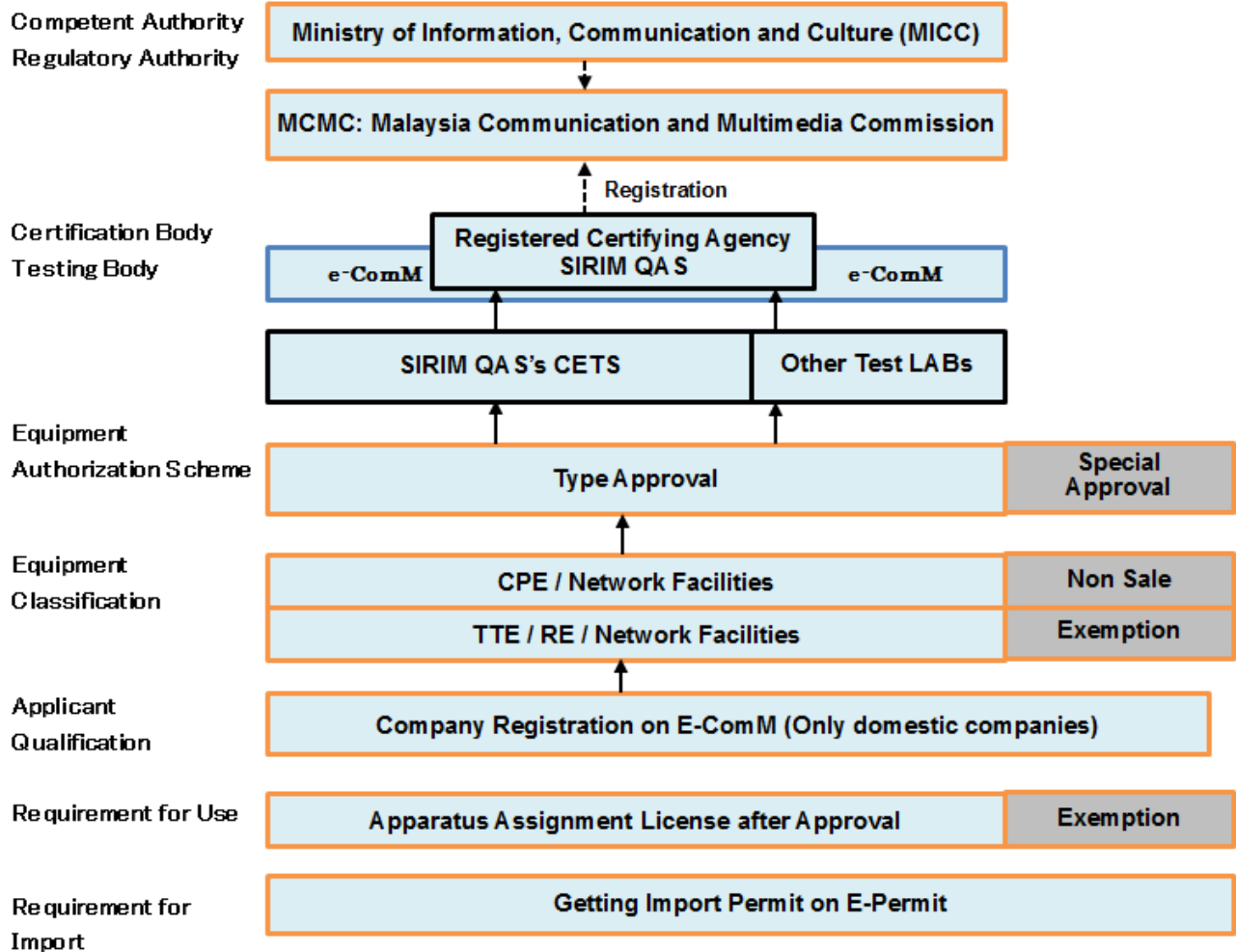
KEY Information (Taiwan)

Questions	Answers
[Basic Law]	Telecommunications Law
[Technical Regulation]	Regulations on Radio Wave, Regulations on the Controlled Telecommunications Radio Frequency-Devices (CTRFD), Compliance Approval Regulations of TTE, Compliance Approval Regulations on CTRFD, Regulations of Regulatory Certification Body for TTE, Regulations of Regulatory Certification Body for CTRFD
[Technical Standards]	Technical Specifications, National Standards, International Standards
[Update of Information]	NCC, MOTC
[Contact Point]	NCC, MOTC
[License]	Regulations on Radio Waves

MOTC: Ministry of Transportation and Communications; NCC: National Communications Commission

Regulatory Framework (Taiwan)

Procedure		Subject	What can be done ?	Applicant	Submis. / Regis.
Technical Regulation	Type Approval / DoC Registration for sale & use	Wireline TTE: PSTN, ISDN Wireless RE: PLMN, S-PCN	Sale, Import, Manufacture, Display, Use	Manufacturer (incl. Foreign Manufacture), Importer, Distributer	RCB / RCB
		Wireless TTE		Manufacturer & Importer with Operation Certificate (OC), Distributer with OC from Manufacturer or Importer Foreign Manufacture not required OC	RCB / RCB
		CTRFD (Controlled Telecommunications Radio Frequency Devices)	Sale, Import (Partially Import Permit required), Manufacture, Display, Use (Further in some cases Station License required)		RCB / RCB
Frequency	Station License	Base station, Access point etc.	Use or Operation of Frequency (After Approval or DoC)	Not Specified	NCC / NCC
Importation	Import Permit	CTRFD except Wireless TTE & LPD (Low Power Device)	Customs	Importer	NCC / NCC
Permit	Operation Permit	Manufacturer, Importer	Permit of Operation	Manufacturer, Importer	NCC / NCC
Certificate	Operation Certificate	Operation Permit	Operation Certificate	Manufacturer, Importer granted Operation Permit	NCC / NCC



Technical Regulation Regime for Telecommunications Equipment (Malaysia)

KEY Information (Malaysia)

Questions	Answers
[Basic Law]	Communications and Multimedia Act 1998
[Technical Regulation]	Communications and Multimedia (Technical Standards) Regulations 2000
[Technical Standards]	SKMM FTS & WTS, National / International Standard (Electric Safety, EMC, EM Immunity etc.)
[Update of Information]	SIRIM QAS, Ref. "Updates on Certification Requirements" 2012.4.18, MCMC
[Contact Point]	MCMC (Regulation), SIRIM QAS (Communications & Multimedia Certification Section (CMCS)), E-ComM
[License]	Communications and Multimedia (Licensing) Regulations 2000

SKMM=MCMC: Malaysian Communications and Multimedia Commission

Regulatory Framework (Malaysia)

Procedure		Subject	What can be done?	Applicant	Submis. / Regis.
Technical Regulation	Type Approval By SIRIM QAS	TTE, RE, Network Facilities incl. Card & Module	Certificate of Conformity (CoC) for Sale, Assignment, Importation (Further required import permit)	Manufacturer / Assembler, Importer, Network Operator having ROC/ROB Foreign company required local representative	E-ComM / E-ComM
Assignment	Apparatus License	Assignment Class Assignment	Use or Operation of Telecommunication Apparatus	CoC Holder	MCMC / MCMC
Importation	Import Permit by MCMC	TTE, RE etc. with CoC	Import	Supplier	E-Permit / E-Permit
Operation	Registration (ROC) by Companies Commission	Company	Operation	Any Person requiring ROC	E-ComM / E-ComM
Business	Registration (ROB) by Companies Commission	Business	Business	Any Person requiring ROB	E-ComM / E-ComM

ROC: Registration of Company; ROB: Registration of Business

Supervisory Authority
Regulatory Authority

Ministry of Information and Communications (MIC)



VNTA: Viet Nam Telecommunications Authority

Certification Body

[North] Certification and Verification Center I
[Center] Certification and Verification Center II
[South] Certification and Verification Center III

Testing Body

Designated Testing LAB
MRA Recognized LAB

LAB Accreditation Body
Bureau of Accreditation

Equipment Authorization
Scheme

Certification + Announcement

Verification

MRA Partner's
Designation Authority

MRA Partner's
LAB Accreditation Body

Equipment
Classification

Circular 32/2011/TT-MIC

Circular
17/2011/TT-MIC

TTE, RE

Specified RE

Applicant
Qualification

Domestic Organization and Person

Requirement for
Use

In some cases Frequency Use License required

Requirement for
Import

After Announcement, & in some cases Import License required

MRA Partners
APEC (LAB/CA)
KR, US (LAB)

Technical Regulation Regime for Telecommunications Equipment (Vietnam)

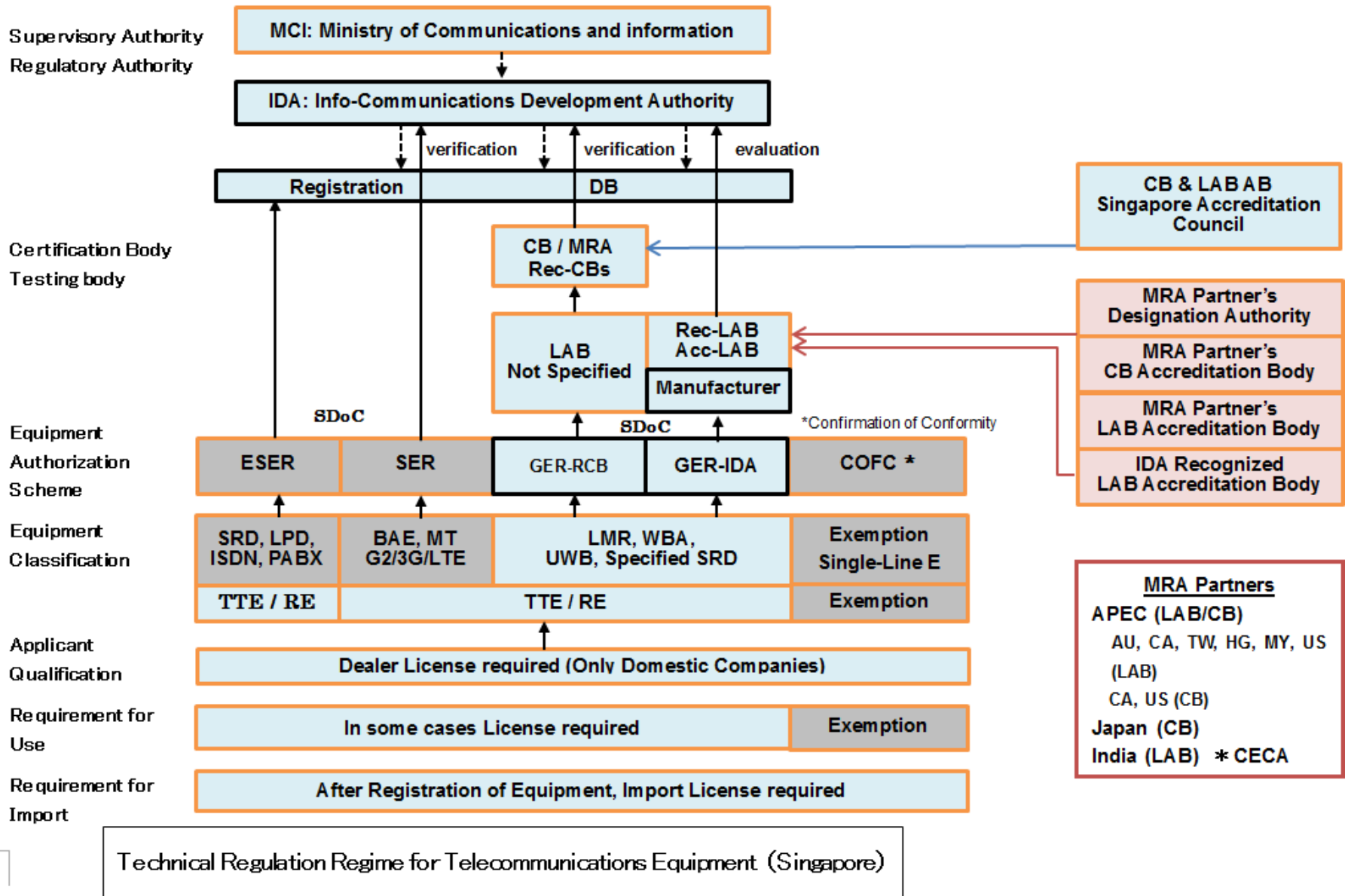
KEY Information (Vietnam)

Questions	Answers
[Basic Law]	Law on Telecommunications / Law on Standards and Technical Regulations / Law on Product and Goods Quality
[Technical Regulation]	Circular 16/2011/TT-MIC (Verification); 30/2011/TT-MIC (Certification & Announcement)
[Technical Standards]	QCVN (National Technical Regulation); TCVN (National Standard)
[Update of Information]	Circular
[Contact Point]	MIC (Policy and Regulation Division), VNTA (Certification Section-Verification and Certification Center I)
[License]	Circular 24/2010/TT-MIC; Circular 03/2012/TT-MIC (Exemption)

MIC: Ministry of Information and Communications; VNTA: Vietnam Telecommunications Authority

Regulatory Framework (Vietnam)

Procedure		Subject	What can be done?	Applicant	Submis. / Regis.
Technical Regulation	Certification	Circular 32/2011/TT-MIC (TTE, RE)	Circulate the products on the domestic market (In some cases Import Licenses required)	Vietnamese and Foreign Organization and Individuals engaged in Producing and trading the products in Vietnam	Certification and Verification Center I, II, III
	Announcement		Marking & Use (In some cases Frequency Use Licenses required)		Certification and Verification Center I, II, III
Technical Regulation	Verification	Circular 17/2011/TT-MIC (Specified RE)	Use	Organization or enterprise managing or operating specified RE	Certification and Verification Center I, II, III
License	Frequency	Circular 24/2010/TT-MIC Exemption: Circular 03/2012/TT-MIC (SRD, Radio Receivers)	Use, Operation	Organization and Persons that manage, use, manufacture, or import or trade for use in Vietnam	Radio Frequency Directorate, MIC /The same
Importation	Import License	Circular 18/2014/TT-MIC (RE, 9 kHz – 400 GHz and 60 mW or More)	Import	Importers (Organization and Individuals)	Quality Division, VNTA, MIC



KEY Information (Singapore)

Questions	Answers
[Basic Law]	Telecommunications Act
[Technical Regulation]	Guide for Registration of Telecommunication Equipment
[Technical Standards]	IDA TS (Technical Specification)
[Update of Information]	IDA Website > Policies and Regulations > Industry & Licensees
[Contact Point]	IDA
[License]	Telecommunications (Exemption from Sections 33, 34(1)(B) and 35) Notifications; Telecommunications (Dealers) Regulation; Guidelines on Requirements for Telecommunication Equipment Labels and Advertisements

Regulatory Framework (Singapore)

Procedure		Subject	What can be done?	Applicant	Submis. / Regis.
Technical Regulation	ESER	SRD, LPD, ISDN, PABX	Hire, Sell, Offer/Possess for Sale	Supplier and Telecommunication Dealer License Holder	IDA TLS / IDA TLS
	SER	BAE, MT, G2/G3/LTE			
	GER (RCB)	LMR, WBA, UWB, specified SRD	Hire, Sell, Offer/Possess for Sale		
	GER (MRA-RCB)				
	GER (IDA)				
License	Station License and Registration	Station required Station License	Use or Operation of the Station is permitted	Operator or User	IDA
License	Dealer License	Dealer License	Equipment Registration, SDoC, Marking, Hire, Sell, Offer/Possession for Sale	Importer, Retailer, Manufacturer	TradeNet / TradeNet
		Advertisement (Labelling etc.)	Use of Equipment (In some cases Station License required)		
Importation	Import License	Registered Equipment With SER / GER Number (Assurance by Importer)	Import	Importer with Dealer License	TradeNet / TradeNet

SER: Simplified Equipment Registration; ESER: Enhanced SER; GER: General Equipment Registration; RCB: Recognized Certification Body;

WBA: Wireless Broadband Access; MT: Mobile Terminals; LMR: Land Mobile Radio; TLS: Telecom Licensing System

Competent Authority
Regulatory Authority

European Commission
DG-GROWTH

A Member State's
Regulatory Authority

Certification Body
Testing Body

Manufacturer's EC-Type DoC

A Member State's Notified Body
Other Member States' NBs / MRA Recognized NBs

A Member State's
Notification Authority
(Designation)

Conformity Assessment
Modules

R&TTED Annex II Annex III Annex IV Annex V

MRA Partner's
Designation Authority
MRA Partner's
Accreditation Body

Equipment
Classification

Wireline TTE Wireless TTE / RE Quality System
Class 1 TTE Class 1 or Class 2 R&TTE

Party for DoC
Requirement for
Use

Manufacturer, His Authorized Representative within the EC

In some cases Restriction by Member State or License required

Requirement for
Import

Import Permit: CE Marking by Manufacturer, His Authorized Representative within the EC, the Person responsible for placing the apparatus on the market

MRA Partners
Australia (NB)
New Zealand (NB)
United States (NB)
Canada (NB)
Japan (NB)
Swiss (NB)

Technical Regulation Regime for Telecommunications Equipment (EU)

KEY Information (EU)

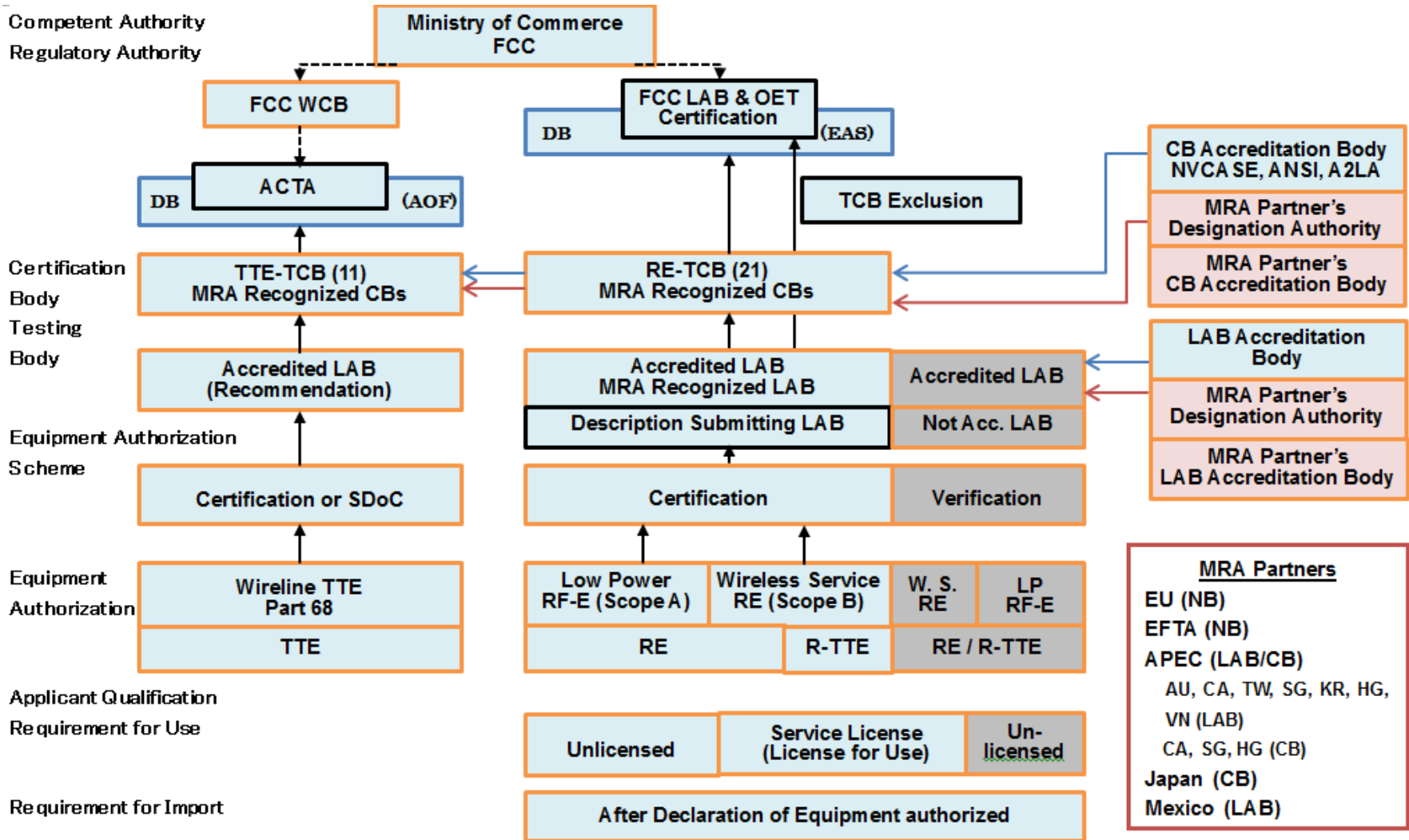
Questions	Answers
[Basic Law]	R&TTE Directive 1999/5/EC, Member State's Implement Law of R&TTE Directive
[Technical Regulation]	EC Regulation, EC Decision, ECC Decision, ECC Recommendation, CEN, CENELEC, ETSI; Ref.
[Technical Standards]	EN Standards by EC Recognized Standard Bodies: ETSI, CEN, CENELEC
[Update of Information]	EC DG-GROWTH (Directive, Mandate), CEPT ECC, DB-TRIS (Technical Regulation), DB-EFIS (Frequency), R&TTECA (NBs) etc.
[Contact Point]	NBs or R&TTECA
[License]	EC General Authorization Directive; Member State Regulation; ECC Recommendations; Ref. EFIS

TRIS: Technical Regulation Information System; EFIS: ECU Frequency Information System

DG-GROWTH: Internal Market, Industry, Entrepreneurship and SMEs

Regulation Framework (EU)

Procedure		Subject	What can be done ?	Person drawing DoC	Submission / Registration
Technical Regulation	Annex II	Wireline TTE	CE Marking, Placing on the Market, Free Movement, Putting into Service (In Case of No Restriction by Member State & No License required) (In some cases notification to Radio Authority required.)	Manufacturer, His Authorized Representative within the EC (NB is concerned in Annex IV & V, and Annex III if required.)	EC-Type DoC / N/A
	Annex III	Wireless TTE, RE			
	Annex IV	Wireless TTE, RE			
	Annex V	Quality System			
License	Individual License	Frequency	Use	Not Specified	Member State's Authority / The same
Importation	CE Marking	R&TTE	Import	Manufacturer, His Authorized Representative within the EC having drawn up EU-Type DoC	N/A



Technical Regulation Regime for Telecommunications Equipment (US)

KEY Information (US)

Questions	Answers
[Basic Law]	Telecommunications Act 1996
[Technical Regulation]	CFR47 Part 2, 11, 15 (A, C, D, E, F, G), 22, 24, 25, 27, 73, 74, 80, 87, 90, 95, 97, 101
[Technical Standards]	CFR47 Part 2, 11, 15 (A, C, D, E, F, G), 22, 24, 25, 27, 73, 74, 80, 87, 90, 95, 97, 101
[Update of Information]	NPRM, Public Notice, FCC LAB KDB, FCC LAB Draft KDB Publication etc.
[Contact Point]	FCC OET, FCC OET EAS (Equipment Authorization System), ACTA, TCB Council
[License]	CFR47 Part 22, 24, 25, 27, 73, 74, 80, 87, 90, 95, 97, 101

CFR: Code of Federal regulation; NPRM: Notice of Proposed Rule-Making; LAB: Laboratory; KDB: Knowledge Database; TCBC: TCB Council; OET: Office of Engineering and Technology; ACTA: Administrative Council for Terminal Attachment

Regulatory Framework (US)

Procedure		Subject	What can be done?	Applicant	Submission / Registration
Technical Regulation	Certification or SDoC	Wireline TTE Cordless Phone	Marketing, Importing, Connection	Not Specified	TCB / ACTA AOF
	Certification	Wireless TTE & RE	Marketing, Importing, Use (In some cases License required)	Not Specified	TCB / FCC EAS
	Verification	RE		Not Specified	N/A
License	Operation License	RE requiring License	Marketing, Importing, Use	Not Specified	FCC WTB / ULS
Importation	Declaration of Equipment authorized	RF Device	Import	Importer, Ultimate Consignee, or their designated custom broker	CBP

AOF: ACTA Online Filers; WTB: Wireless Telecommunications Bureau; ULS: Universal Licensing System; CBP: Customs and Border Protection

THANK YOU FOR YOUR ATTENTION!

