

# CONFORMITY AND INTEROPERABILITY REGIMES OF TELECOMMUNICATION/ICT EQUIPMENT IN SINGAPORE

HOMOLOGATION OF TELECOMMUNICATION EQUIPMENT  
EXPERIENCE IN SINGAPORE  
17<sup>TH</sup> OCTOBER 2016

*Mr Lim Wei Li*

[lim\\_wei\\_li@imda.gov.sg](mailto:lim_wei_li@imda.gov.sg)



# AGENDA

1. Technical Regulations
2. Equipment Registration Framework
3. Mutual Recognition Arrangement (MRA) for Conformity Assessment of TE
4. Schemes for Recognizing Conformity Assessment Bodies (CABs)

# TECHNICAL REGULATIONS

Standards and procedures which Telecommunication Equipment (TE) must meet for connection to telecommunication and radio-communication systems in Singapore

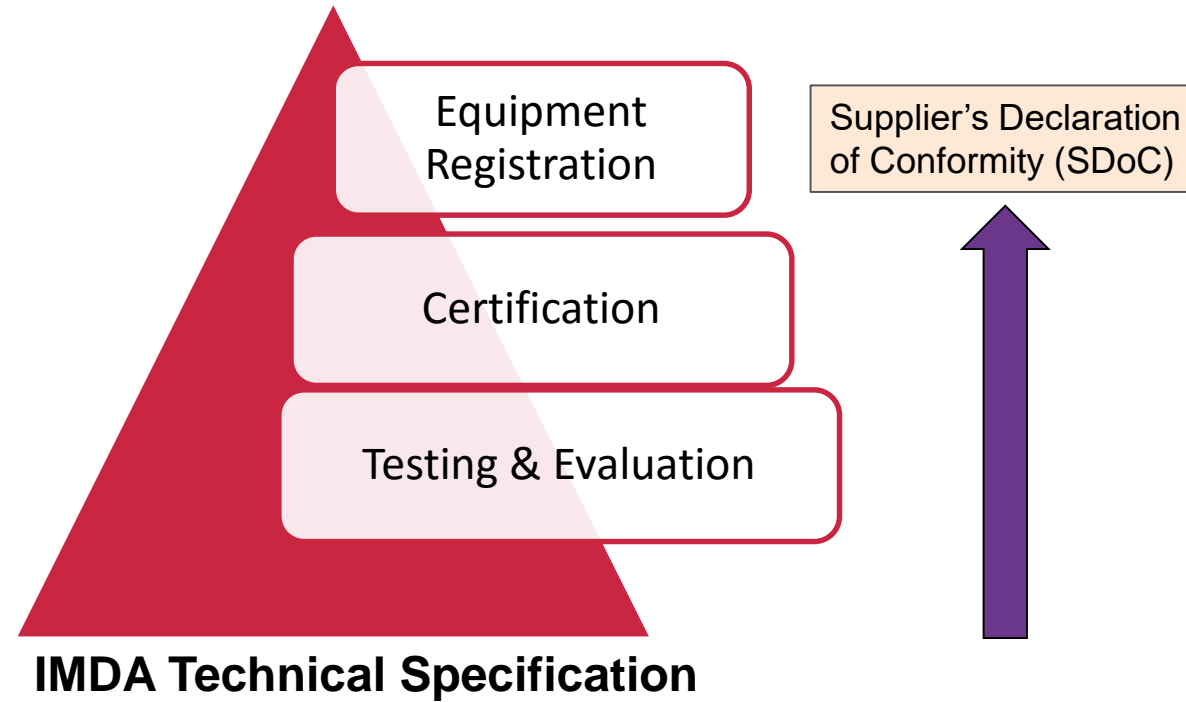
## Objectives

- Network compatibility and interoperability
- Multi-vendor equipment interoperability to avoid proprietary standards locked-in that restrict consumers choice of products
- Prevention of interference
- Global interoperability

TE manufacturers and dealers/suppliers must demonstrate **compliance with IMDA** standards, in order to import and sell equipment for use in Singapore



# EQUIPMENT REGISTRATION FRAMEWORK



# EQUIPMENT REGISTRATION REQUIREMENTS

Online Equipment Registration		TL	CB	Documentation	e-Pay (SGD)	Process Time (Days)
ESER	Self-declaration	0	0	Sales brochure with technical data	-	Immediate
SER	Self-declaration	0	0	SDoC, photos, sales brochure with technical data	100	1-3
GER	By CB under MRA PH2	-	√	SDoC, CB Cert, photos, general info or sales brochure	100	1
GER	Evaluated by IMDA	√	-	SDoC, photos, description, sales brochure with technical data, test reports*, facilities, user guide	350 (M) 500 (O)	<10

° Supplier has carried out their own conformity assessment for the model of TE based on test results or certification given by manufacturer or an accredited body.

° For post market surveillance, IMDA may require the supplier to submit the test results or certificate as proof of conformity with the applicable IMDA Technical Specifications.

\* IMDA accepts test results of equipment testing done according to IMDA's Technical Specifications by (i) testing labs recognized by IMDA under MRA; (ii) testing labs accredited by accreditation bodies recognized by IMDA; or (iii) equipment manufacturers.

# CONFIRMATION OF CONFORMITY FOR EXEMPTED EQUIPMENT

Online Equipment Registration	TL	CB	Documentation	e-Pay (SGD)	Process Time (Days)
COFC Self-declaration	0	0	SDoC, photos, sales brochure with technical data	100	1-3
COFC by CB under MRA PH2	-	√	SDoC, CB Cert, photos, general info or sales brochure	100	1
COFC evaluated by IMDA	√	-	SDoC, photos, description, sales brochure with technical data, test reports*, facilities, user guide	350	<10

° Supplier has carried out their own conformity assessment for the model of TE based on test results or certification given by manufacturer or an accredited body.

° For post market surveillance, IMDA may require the supplier to submit the test results or certificate as proof of conformity with the applicable IMDA Technical Specifications.

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# MUTUAL RECOGNITION ARRANGEMENT (MRA) FOR CONFORMITY ASSESSMENT OF TE

## MRA Phase I - Mutual Acceptance of Test Reports

- TE tested by MRA partners need not be re-tested in Singapore

## MRA Phase II - Mutual Acceptance of Certificate of Conformity

- TE certified by MRA partners enter into Singapore market <sup>(Note)</sup> without the need for re-certification

Same principle applicable to export from Singapore to MRA partnering countries

Note: Subject to online equipment registration with IMDA under the Singapore Telecoms Act.

# MRAS IN OPERATION

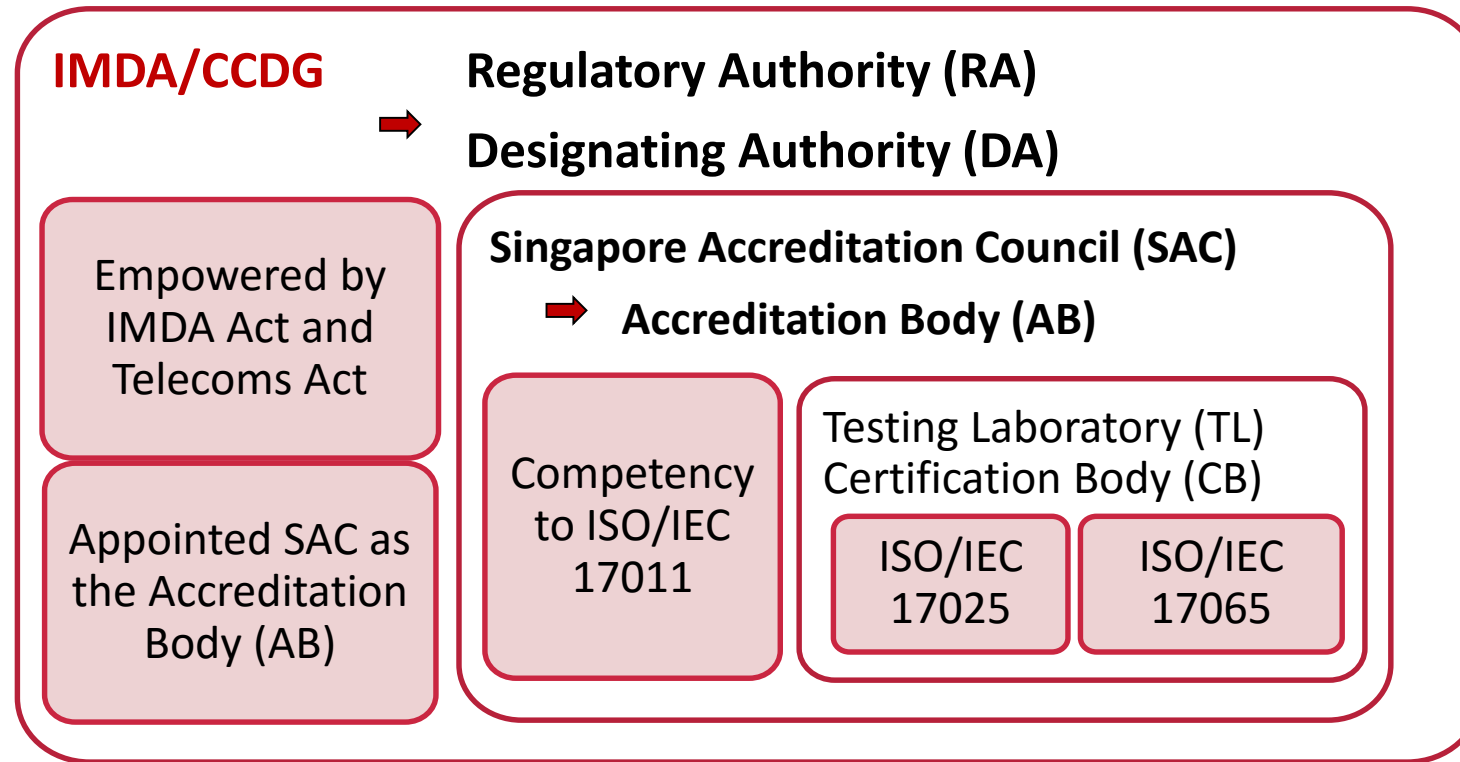
## Benefits

- Industry
  - Eliminate cost of re-testing and re-certification, and shorten time-to-market
- Conformity Assessment Bodies (CAB)
  - Enhance portfolio of Testing Laboratory (TL)/Certification Body (CB)
- Regulators
  - Reduce resources required to approve TE

MRA Partnering Countries	
Phase I	Phase II
Australia	Brunei
Canada	Canada
Chinese Taipei	United States of America
Hong Kong	
Malaysia	
United States of America	
Vietnam	



# SCHEMES FOR RECOGNISING CABS



TL and CB are conformity assessment bodies (CABs), legally identifiable entities.



# THANK YOU