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## ICT regulatory issues in ITU-T standardization for ASIA PACIFIC

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# Dominant Regulatory Issues in ITU-T Standardization/2005-08 (1)

- Emergency Telecommunication SVC
- Misuse of facilities and/or numbering resources
- Numbering Issues:
  - Notation: Telephone numbers, e-mail addresses, Web addresses, etc.
  - → Telecom. Numbering, Identification Codes, UPT numbers, etc.
  - QoS, Operational provisions, etc.

# Dominant Regulatory Issues in ITU-T Standardization/2005-08 (2)

- International Dispute Resolution
- International Internet Connectivity
- Network Externalities
- Cybersecurity, Spam, Malware, etc.
- NGN
  - Charging and Accounting
  - New Regulation Framework
  - Security, etc.
- ITRs, ICT and Climate Change, etc.

### Recs. Approved under TAP(1)

| Rec.             | Approval   | Status     | Title  | SG |
|------------------|------------|------------|--|----|
| E.107            | 2007-02-08 | In force   | Emergency Telecommunications Service (ETS) and interconnection framework for national implementations of ETS                             | 2  |
| E.118            | 2006-05-11 | In force   | The international telecommunication charge card  | 2  |
| E.123<br>Amend.1 | 2008-05-15 | In force   | Notation for national and international telephone numbers, e-mail addresses and Web addresses  | 2  |
| E.152            | 2006-05-11 | In force   | International free phone service   | 2  |
| E.156            | 2006-05-11 | In force   | Guidelines for ITU-T action on reported misuse of E.164 number resources   | 2  |
| E.164            | 2005-02-24 | In force   | The international public telecommunication numbering plan  | 2  |
| E.164.1          | 2005-02-24 | Superseded | Criteria and procedures for the reservation, assignment and reclamation of E.164 country codes and associated identification codes (ICs) | 2  |
| E.164.1          | 2006-05-11 | In force   | Criteria and procedures for the reservation, assignment and reclamation of E.164 country codes and associated identification codes (ICs) | 2  |
| E.168.1          | 2005-02-24 | In force   | Assignment procedures for universal personal telecommunications (UPT) numbers in the provisioning of the international UPT service       | 2  |

### Recs. Approved under TAP(2)

| Rec.            | Approval             | Status     | Title   | SG |
|-----------------|----------------------|------------|---|----|
| E.212           | 2007-02-08           | Superseded | Annexes to the international identification plan  | 2  |
| Amend.1         | 2007-02-08           | Superseded | for mobile terminals and mobile users             |    |
| E.212           | 2008-05-15           | In force   | The international identification plan for public  | 2  |
| L.212           | 2008-03-13           | Ill force  | networks and subscriptions                        |    |
| E.214           | 2005-02-24           | In force   | Structure of the land mobile global title for the | 2  |
| E.214           | 2003-02-24           | III Torce  | signalling connection control part (SCCP)         |    |
| E 417           | 2005 02 24           | In famo    | Framework for the network management of           | 2  |
| E.417           | 2005-02-24           | In force   | IP-based networks                                 |    |
|                 |                      |            | Operational considerations for QoS of voice       | 2  |
| E.470           | 2005-02-24           | In force   | over IP-based networks with PSTN-IP-PSTN          |    |
|                 |                      |            | architecture                                      |    |
|                 |                      |            | Framework and methodologies for the               | 2  |
| E.802           | 2007-02-08           | In force   | determination and application of QoS              |    |
|                 |                      |            | parameters  |    |
| E.910           | 2005-12-15           | In force   | Procedures for registration within the domain     | 2  |
| E.910           | 2003-12-13           | In force   | ".int"  |    |
| F.1 Amend. 1    | 2007-11-08           | In force   | Operational provisions for the international      | 2  |
| r.i Aillella. I | nend. 1   2007-11-08 |            | public telegram service                           |    |
| D.000 (2002)    | 2007-10-09           | In force   | Terms and definitions for the D-series            | 3  |
| Amend.1         | 2007-10-09           | III Torce  | Recommendations                                   |    |

### Recs. Approved under TAP(3)

| Rec.                    | Approval   | Status     | Title   | SG |
|-------------------------|------------|------------|---|----|
| D.4                     | 2005-09-16 | In force   | Special conditions for the lease of international (continental and intercontinental) sound- and television-programme circuits for private service | 3  |
| D.99                    | 2008-04-04 | In force   | Indicative rate for international mobile termination  | 3  |
| D.150 (1999)<br>Amend.1 | 2005-09-16 | In force   | Optional transit share arrangement  | 3  |
| D.170                   | 2006-06-27 | In force   | Monthly telephone and telex accounts  | 3  |
| D.180                   | 2005-09-16 | In force   | Occasional provision of circuits for international sound- and television-programme transmissions  | 3  |
| D.195                   | 2006-06-27 | Superseded | Time-scale for settlement of accounts for international telecommunication services  | 3  |
| D.195                   | 2008-04-04 | In force   | Time-scale for settlement of accounts for international telecommunication services  | 3  |
| D.271                   | 2008-04-04 | In force   | Charging and accounting principles for NGN  | 3  |
| D.604 R                 | 2005-01-28 | In force   | The last international transit center pays the traffic  | 3  |

### Recs. Approved under TAP(4)

| Rec.                          | Approval   | Status   | Title  | SG |
|-------------------------------|------------|----------|--|----|
| K.20 (2003)<br>Amend.1        | 2004-11-12 | In force | New Appendix I – Floating transverse power induction and earth potential rise test for ports connected to external symmetric pair cables | 5  |
| K.43 (2003)<br>Amend.1        | 2004-11-12 | In force |  | 5  |
| Q.761 (1999)<br>Amend.3       | 2006-01-27 | In force | Support for the International Emergency Preference Scheme  | 11 |
| Q.762 (1999)<br>Amend.3       | 2006-01-27 | In force | Support for the International Emergency<br>Preference Scheme   | 11 |
| Q.763 (1999)<br>Amend.4       | 2006-01-27 | In force | Support for the International Emergency<br>Preference Scheme   | 11 |
| Q.764 (1999)<br>Amend.4       | 2006-01-27 | In force | Support for the International Emergency<br>Preference Scheme   | 11 |
| Q.1902.1<br>(2001)<br>Amend.2 | 2006-01-27 | In force | Support for the International Emergency Preference Scheme  | 11 |
| Q.1902.2<br>(2001)<br>Amend.3 | 2006-01-27 | In force | Support for the International Emergency Preference Scheme  | 11 |

### Recs. Approved under TAP(5)

| Rec.                          | Approval   | Status   | Title  | SG |
|-------------------------------|------------|----------|--|----|
| Q.1902.3<br>(2001)<br>Amend.3 | 2006-01-27 | In force | Support for the International Emergency Preference Scheme                        | 11 |
| Q.1902.4<br>(2001)<br>Amend.3 | 2006-01-27 | In force | Support for the International Emergency Preference Scheme                        | 11 |
| Q.1950 (2002)<br>Amend.1      | 2006-01-27 | In force | New Annex G – Call bearer control –<br>International Emergency Preference Scheme | 11 |
| Q.2630.3<br>(2003)<br>Amend.1 | 2006-01-27 | In force | Support for the International Emergency Preference Scheme                        | 11 |
| Q.2931 (1995)<br>Amend.5      | 2006-01-27 | In force | Support for the International Emergency Preference Scheme                        | 11 |
| Y.2201                        | 2007-04-27 | In force | NGN release 1 requirements   | 13 |
| Y.2701                        | 2007-04-27 | In force | Security requirements for NGN release 1  | 13 |
| X.1205                        | 2007-04-18 | In force | Overview of cybersecurity  | 17 |

### Recs. Approved under TAP(6)

| Rec.   | Approval   | Status   | Title   | SG |
|--------|------------|----------|---|----|
| X.1206 | 2008-04-18 | In force | A vendor-neutral framework for automatic notification of security related information and dissemination of updates      | 17 |
| X.1207 | 2008-04-18 | In force | Guidelines for telecommunication service providers for addressing the risk of spyware and potentially unwanted software | 17 |
| X.1231 | 2008-04-18 | In force | Technical strategies on countering spam   | 17 |
| X.1240 | 2008-04-18 | In force | Technologies involved in countering e-mail spam   | 17 |
| X.1241 | 2008-04-18 | In force | Technical framework for countering e-mail spam  | 17 |

#### Recs. Determined under TAP(1)

| Recommendation           | Determined | Title   | SG |
|--------------------------|------------|---|----|
| E.101                    | 15/05/08   | Definitions of terms used for identifiers (names, numbers, addresses and other identifiers) for public telecommunication services and networks in the Eseries Recommendations | 2  |
| E.157                    | 15/05/08   | International calling party number delivery   | 2  |
| E.161.1                  | 15/05/08   | Guidelines to select emergency number for public telecommunications networks  | 2  |
| E.164.1 Amendment 1      | 15/05/08   | Criteria and procedures for the reservation, assignment and reclamation of E.164 country codes and associated identification codes (ICs)                                      | 2  |
| E.212 Annexes E, F and G | 15/05/08   | Annexes to the International identification plan for public networks and subscriptions  | 2  |
| E.800                    | 15/05/08   | Terms and definitions related to quality of service   | 2  |
| D.93                     | 2008-04-04 | Charging and accounting in the international land mobile telephone service (provided via cellular radio systems)  | 3  |
| D.156                    | 2008-04-04 | Network externalities   | 3  |

#### Recs. Determined under TAP(2)

| Recommendation | Determined | Title  | SG |
|----------------|------------|--|----|
| Y.2205         | 2008-01-25 | Next Generation Networks - Emergency telecommunications - Technical considerations | 13 |
| Y.2702         | 2008-01-25 | NGN authentication and authorization requirements                                  | 13 |
| X.1244         | 2008-04-18 | Overall aspects of IP Multimedia Application Spam                                  | 17 |
| X.1250         | 2008-04-18 | Requirements for global identity management trust and interoperability             | 17 |

### Future Regulatory Issues in ITU-T for 2009-12

- New Regulatory Framework for NGN
  - Charging and Accounting Principle
  - International Settlement
  - Security, etc.
- International Internet Connectivity
- Network Externalities
- Cybersecurity, Spam, Malware, etc.
- ITRs
- ICT and Climate Change, etc.

### **Thanks for your Attention!**



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