



## TELECOMMUNICATION REGULATORY SURVEY 2000

Country: \_\_\_\_\_  
completion: \_\_\_\_\_

Date of

Person(s) who completed the survey :

Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Organization: \_\_\_\_\_  
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Name: \_\_\_\_\_  
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Address: \_\_\_\_\_  
City: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Email: \_\_\_\_\_

**Note: all information provided throughout this survey should describe the situation as of 1 May 2000. Future policy initiatives should be listed in Section VII.**

Please indicate any changes:

**Policy Maker:** \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Tel: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Web site: \_\_\_\_\_

**Regulator:** \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Tel: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Web site: \_\_\_\_\_

If there is more than one policy-maker and/or regulator, please indicate name and address below:

**Policy Maker:** \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Tel: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Web site: \_\_\_\_\_

**Regulator:** \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Tel: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Web site: \_\_\_\_\_

**SECTION I - LEGISLATIVE FRAMEWORK**

1) What laws, decrees, legal instruments, or regulations govern the telecommunication sector in your country?

(This section should also include legislation which governs the information, communication and broadcasting sectors.)

Law/Regulation	Year Adopted	Description/Remarks (e.g. review procedure)	Web site Http:

**SECTION II - THE REGULATORY INSTITUTION**

**THE REGULATOR**

2) Does a separate\* Telecommunication Regulatory Authority exist?

Yes  No

If No,

Name entity responsible for regulation then proceed to question 3.

\_\_\_\_\_

If Yes,

2.a) Year created \_\_\_\_\_

2.b) Is the Regulatory Authority independent from the incumbent operator?  Yes  No

No

2.c) Is the Regulatory Authority independent from political power (Ministry)?  Yes  No

2.d) To whom does the Regulatory Authority report? (more than one selection possible)

- The Sector Ministry
- The Head of State
- The Legislative Branch
- No one
- Other \_\_\_\_\_

2.e) What is the annual budget for the Regulatory Authority? \_\_\_\_\_

2.e.i) Indicate the percentage of budget financed from each source:

License fees \_\_\_\_\_ %

Government appropriation \_\_\_\_\_ %

Numbering fees \_\_\_\_\_ %

Spectrum fees \_\_\_\_\_ %

Other (please identify source ) \_\_\_\_\_ (and percentage)  
\_\_\_\_\_ %

2.e.ii) If the Regulatory Authority received revenue from the auction or award of mobile licenses, please indicate level of financing received from mobile licenses in local currency for the following years:

1998 \_\_\_\_\_

1999 \_\_\_\_\_

2000 \_\_\_\_\_

2.f) Is the Telecommunication Regulatory Authority a collegial body (i.e. are there Members/Commissioners)?  Yes  No

If Yes,

Indicate total number of members \_\_\_\_\_

(Number of female members \_\_\_\_\_)

The Members are employed:  full time  part time

If No,

Identify the position of the head of the Regulatory Authority (i.e. Director General, Chairman, Administrator, etc.) \_\_\_\_\_

2.g) Who appoints the Members/Head? \_\_\_\_\_

2.h) What is the normal period of appointment for Members/Head of the Regulatory Authority (years)? \_\_\_\_\_

**\* Note: Separate:** “independent” in terms of finance and decision-making.

2.i) Are Members/Head allowed to have any other professional or electoral position?  
 Yes  No

2.j) Total number of staff in the Regulatory Authority \_\_\_\_\_  
 \_\_\_\_\_% of staff which are women

3) If no Telecommunication Regulatory Authority exists, are there plans to create one?  
 Yes, year? \_\_\_\_\_  No

**REGULATION**

4) Regulatory functions:  
 Please mark (X) below which entities have responsibility for the functions listed

Functions	Sector Ministry	Other Ministry or Government body (name)	Regulatory Authority*	Operator **	Not regulated	Other (Please specify)
Numbering plans						
Tariff proposal						
Tariff approval						
Technical standards						
Establishment of Interconnection rates **						
Arbitration of disputes						
Frequency allocation						
Type approval						
Monitor service quality						
Establishment of license fees						

**\*Note:** If you answered “no” to question 2, leave column for Regulatory Authority blank  
**\*\*Note:** In the case of interconnection rates, the “Operator” column refers to commercial negotiations between operators.

**SECTION III - REGULATORY ISSUES AND PROCESS**

**INTERCONNECTION**

***REGULATORY FRAMEWORK***

- 5) Does your country have a regulatory framework for interconnection (e.g., interconnection laws, rules, policies or guidelines)?  Yes  No
- 6) Where has the regulatory framework for interconnection been set forth? (Please attach copies of any such document(s)) (check as many as apply)
- legislation
  - licenses
  - regulatory statements
  - directives
  - other, \_\_\_\_\_
- 7) Does the regulatory framework for interconnection apply to interconnection from any type of network to any other type of network?  Yes  No
- 7.a) If **No**, does it apply to: (check as many as apply)
- fixed local interconnection,
  - fixed long distance interconnection,
  - fixed international service interconnection
  - mobile service interconnection
  - data network interconnection
  - cable network interconnection
  - other, please explain any variations
- 
- 8) Has your country established specific criteria which telecommunication operators must meet in order to receive authorization to interconnect to the incumbent's fixed-line network?  Yes  No
- If **Yes**,
- 8.a) Are these criteria publicly available?  Yes  No
- If **Yes**,
- Please describe \_\_\_\_\_
- 8.b) Are the criteria different for international operators?  Yes  No
- 9) Does the regulatory framework impose an obligation on existing network operators to provide interconnection to competing carriers?  Yes  No
- 9.a) If **Yes**,
- on whom is the obligation imposed? (check as many as apply):
- only** the incumbent fixed network operator

- fixed network operators with significant market power
- all fixed network operators
- all mobile network operators
- mobile network operators with significant market power
- other categories, please explain \_\_\_\_\_

9.a.i) How is the obligation enforceable? (check as many as apply):

- by the regulator
- by interested/affected parties
- through the judicial system
- through other means \_\_\_\_\_

9.a.ii) What are the sanctions for failure to provide interconnection or to offer reasonable interconnection terms? (check as many as apply):

- license revocation
- monetary penalties
- other (please explain) \_\_\_\_\_

10) Who has the right to interconnect? (check as many as apply):

- all domestic facilities-based carriers
- all service providers
- all content providers
- other categories (please explain) \_\_\_\_\_

10.a) Are there different classes of fixed operator's licenses?  Yes  No

If **Yes**, what are they: (check as many as apply):

- local access services
- long distance
- international
- data
- cable TV
- other, \_\_\_\_\_

10.b) Are all such carriers afforded the same rights to interconnect?  Yes  No

If **No**, please

explain \_\_\_\_\_

11) Is unbundled access to the local loop required?  Yes  No

If **Yes**,

11.a) to what local loop services? (check as many as apply)

- raw copper
- raw fibre
- high speed bit stream access
- high frequency spectrum of the local loop for the provision of ADSL systems and services

11.b) if access to other unbundled services is required, please identify \_\_\_\_\_

12) Does the interconnection regime allow or require that incumbent operators offer telecommunication services at wholesale prices for resale by new entrants?  Yes  No

If **Yes**,

12.a) What services are made available for resale?

Please,

specify \_\_\_\_\_

***INTERCONNECTION PRICING AND NEGOTIATION***

- 13) If there is an access deficit (the amount by which the total cost of providing local exchange service exceeds operator revenues) in your country, has any attempt been made or planned to reduce the access deficit by rebalancing rates?  Yes  No

14) How are interconnection charges<sup>1</sup> set?

- The regulatory framework sets the specific charges for interconnection
- The regulatory framework establishes pricing principles to be applied in interconnection negotiations
- Interconnection charges are set through commercial agreements between the parties
- Other, please explain \_\_\_\_\_

14.a) If the regulatory framework sets pricing principles to be applied in interconnection negotiations, they must be: (check as many as apply)

- reasonable and nondiscriminatory
- Cost-oriented
- Other \_\_\_\_\_

14.b) If the regulator does not set interconnection charges, is regulatory approval of interconnection charges nevertheless required?  Yes  No

If **Yes**,

14.b.i) on what basis would they fail to gain approval? \_\_\_\_\_

14.b.ii) have any interconnection charges ever failed to gain approval?  Yes  No

15) Does the regulatory framework establish the terms and conditions for interconnection?

Yes  No

15.a) If **Yes**, does the regulatory framework require that the terms and conditions are reasonable and nondiscriminatory?  Yes  No

16) Does the regulatory framework prescribe a particular cost model as the basis for determining interconnection charges?  Yes  No

If **Yes**, is it:

- Based on a forward-looking incremental cost-model (e.g., LRIC, TELRIC)?
- Based on a fully -allocated, historical cost model (e.g., FDC)?

16 b) Please describe the actual cost-model used and the system of cost allocation in more detail:

\_\_\_\_\_

16.c) Is accounting separation used to establish interconnection charges?  Yes  No

If **Yes**, please explain. \_\_\_\_\_

17) Is the cost model used the same as when competition was first introduced?  Yes  No

If **No**,

17.a) what was the initial cost model? \_\_\_\_\_

17.b) why was it changed? \_\_\_\_\_

18) Are interconnection agreements or interconnection prices made public?  Yes  No

No

18.a) If **Yes**, please provide sample copies of agreements and/or prices (in local currency) or provide Web site address \_\_\_\_\_

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<sup>1</sup> The issue of Mobile Interconnection Charges is addressed in the section on Interconnection With Mobile Networks below.



19) Does the regulatory framework contain a timetable for interconnection negotiations?  Yes  No

20) Does the regulatory framework set up a clear dispute resolution mechanism(s) if the parties cannot agree?  Yes  No

20.a) If **Yes**, please check which mechanisms are used: (check as many as apply)

- arbitration
- mediation
- regulator-prescribed charges
- other (please describe) \_\_\_\_\_

20.b) In case of a dispute, is there a default interconnection charge and/or specific obligations that create an incentive for the incumbent carrier to negotiate with the entrant?  Yes  No

20.c) Who is responsible for implementing the dispute resolution mechanism? \_\_\_\_\_

20.d) Describe the main interconnection disputes in your country:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

20.e) Have operators successfully negotiated interconnection agreements without recourse to the dispute resolution mechanism?  Yes  No

21) Once an interconnection rate has been established, is it available as a standard rate for other service providers?  Yes  No

If **Yes**, to whom is the price made available: (check as many as apply)

- all domestic facilities-based operators,
- resellers,
- others \_\_\_\_\_

22) Have any interconnection disputes been brought before the competition authorities in your country?  Yes  No

If **Yes**, please explain why \_\_\_\_\_

23) Please describe any international interconnection disputes that have arisen in your country, (e.g., interconnection disputes brought before the European Commission for Member States of the European Union, or interconnection disputes brought before the World Trade Organization (WTO) for Member States of the WTO) \_\_\_\_\_

***TECHNICAL ASPECTS OF INTERCONNECTION***

24) Does the regulatory framework prescribe technical requirements of interconnection?  Yes  No

If **Yes**, does it prescribe: (check as many as apply)

- number and location of points of interconnection
- network management across the points of interconnection

other requirements, please  
specify \_\_\_\_\_

24.a) Is the technical quality of access enjoyed by new entrants equivalent to that of incumbent(s)?  
 Yes  No

**Collocation**

25) Are incumbent carriers required to collocate the equipment of competitors in their central offices?  
 Yes  No

25.a) Which competitive service providers are permitted to collocate equipment?  
\_\_\_\_\_  
—

25.b) Can resellers and Internet Service Providers collocate under the same terms and conditions as facilities-based service providers?  
 Yes  No

25.c) What procedures are available if there is insufficient space for the competitors' equipment?  
\_\_\_\_\_  
—

25.d) How are issues of multiple competitors handled?  
\_\_\_\_\_  
—

26) How are collocation requirements enforced?  
\_\_\_\_\_

27) How are issues such as incompatibility of collocated equipment and need for capacity increases handled?  
\_\_\_\_\_  
—

27.a) Who pays any costs associated with resolving these issues?  
\_\_\_\_\_  
—

28) Are incumbent carriers required to allow virtual collocation?  Yes  No

***INTERCONNECTION WITH MOBILE NETWORKS***

29) What is the basis for determining interconnect rates for calls from mobile networks to fixed-line networks? (check as many as apply):

- Existing retail tariffs
- Discounted retail tariffs
- Revenue-sharing
- Cost-oriented per-minute charges
- Fixed cost per month or per volume of traffic charges
- Some other method (please explain)
- Not applicable: \_\_\_\_\_

30) What is the basis for determining interconnect rates for calls from fixed-line networks to mobile networks? (check as many as apply):

- Existing retail tariffs
- Discounted retail tariffs
- Revenue-sharing
- Cost-oriented per-minute charges
- Fixed cost per month or per volume of traffic charges
- Some other method (please explain)
- Not applicable: \_\_\_\_\_

31) What is the basis for determining interconnect rates for calls from one mobile network to another mobile network? (check as many as apply):

- Existing retail tariffs
- Discounted retail tariffs
- Revenue-sharing
- Cost-oriented per-minute charges
- Fixed cost per month or per volume of traffic charges
- Some other method (please explain)
- Not applicable: \_\_\_\_\_

32) Are mobile interconnect tariffs (including mobile -to-fixed, fixed-to-mobile and mobile-to-mobile) made public?  Yes  No

If **No**, are they required to be deposited with the Regulatory Authority?

Yes  No

33) Please provide representative interconnect prices for calls to and from mobile (in local currency):

From mobile to mobile: \_\_\_\_\_

From mobile to fixed: \_\_\_\_\_

From fixed to mobile: \_\_\_\_\_

34) Has there been any regulatory review or study conducted on fixed-mobile interconnection in your country? (Please attach copies or provide Web site addresses for any such document(s)).

\_\_\_\_\_  Yes  No

34.a) Has there been any regulatory review or study conducted on mobile roaming charges in your country? (Please attach copies or provide Web site addresses for any such document(s)).

\_\_\_\_\_  Yes  No

34.b) If **Yes**, please indicate who has conducted this review or study \_\_\_\_\_

\_\_\_\_\_

35) Are CPP (Calling-Party-Pays) services available in your country and, if so, since when?

- Available since the introduction of mobile services
- Introduced after \_\_\_\_\_ (date)
- Planned for introduction after \_\_\_\_\_ (date)
- Not Available (e.g., Receiving Party Pays is the norm), please explain

\_\_\_\_\_

36) Does the regulatory regime require that incumbent mobile operators offer telecommunication services at wholesale prices for resale by other carriers ("equal access")?  Yes  No

**LICENSING**

37) Please indicate below which services are subject to licensing. For those services subject to licensing, please mark (X) which entity is responsible for licensing that service, indicate whether there is a license fee, and specify the license duration.

	Service subject to licensing		Entity(ies) responsible for licensing *				License fee?		License duration (in years)
	Yes	No	M	TRA	PTO	O (please specify)	Yes	No	
Local services									
Domestic long distance									
International long distance									
XDSL									
Wireless local loop									
Data									
Telex									
Leased lines									
Mobile Analog									
Mobile Digital									
Paging									
Cable Television									
Fixed satellite (FSS)									
Mobile satellite (MSS)									
GMPCS (FSS/MSS)									
IMT 2000									
Internet Service providers									
* Note: M= Ministry, TRA= Telecommunication Regulatory Authority, PTO= Operator, O= other									

38) Briefly outline the procedures used by your country to license telecommunications operators.  
(i.e. information required of applicants, normal time period for application processing).

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 ---  
 -----  
 ---  
 -----  
 ---  
 -----  
 ---

39) How are license fees established or calculated? (check as many as apply):

According to:

- % of annual revenue (turnover)
- Regulation (regulatory decision)
- Frequency bandwidth
- Services
- % of investment
- Cost recovery
- Distance
- Number of subscribers or stations or terminal equipment
- Other \_\_\_\_\_

**END USER PRICE CONTROLS**

40) Are end user prices regulated?  Yes  No

If Yes, how?

- Price cap
- Rate of return
- Other, specify \_\_\_\_\_

**REBALANCING**

41) Has rebalancing been implemented?  Yes  No

If Yes, to what degree?

- Completed
- Almost completed
- Just started
- Not started yet

**CALLBACK SERVICES**

42) Are callback services allowed in your country?  Yes  No

If No,

Which law prohibits the provision of these services ? \_\_\_\_\_

**RESALE**

43) Is third party resale of leased line capacity permitted?  
Domestic:  Yes  No

International:  Yes  No

**NUMBERING PLAN**

44) How do customers access different carriers?

- carrier-selection prefixes
- carrier pre-selection (equal access)
- other, please describe \_\_\_\_\_

45) Do customers need to dial more access codes to access new entrants than they do to access the incumbent carrier?  Yes  No

If **Yes**,

Please explain the rationale for any difference \_\_\_\_\_

46) Does the regulatory framework mandate number portability (the ability of customers to retain their telephone numbers when switching carriers)?  Yes  No

If **Yes**,

Please describe the number portability arrangement.

-----

47) How are the costs of number portability apportioned between carriers?

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**SPECTRUM MANAGEMENT**

48) What are the main criteria for allocating licenses which use part of the radio spectrum?

- Auction (i.e., award of license to the highest bidder)
- Beauty Contest (i.e. based on the decision of the regulator, with no requirement for financial tender)
- "First come, first served" (i.e., award of license to companies already active in market)
- A combination of the above (please specify) \_\_\_\_\_
- Other, (please specify) \_\_\_\_\_

**SECTION IV - SECTOR STRUCTURE**

**STATUS OF THE INCUMBENT OPERATOR**

49) Is the incumbent (main) operator state-owned?

- Yes  No

If **Yes**,

49.a) Is the incumbent corporatized?

- Yes, year? \_\_\_\_\_  No

49.b) Does the Government intend to privatize the incumbent? (check one)

- In the process of privatising, eg, \_\_\_\_\_%
- No intention to privatize at present
- Yes, precise forecast year \_\_\_\_\_

**If the incumbent operator is not state-owned**

49.c) Indicate degree of private ownership of the incumbent:

- Minority ownership, less than 50% ( \_\_\_\_\_%)



- Majority ownership, more than 50% (\_\_\_\_\_%)
- 100%

50) Please complete the following: (if privatization occurred in several phases, provide information for each phase separately in **annex A, p.21**)

50.a) Date of privatization (month/year) \_\_\_\_\_

50.b) Total shares sold \_\_\_\_\_%

50.c) Mode used:

Public offering, total \_\_\_\_\_% (International \_\_\_\_\_%, domestic \_\_\_\_\_%), amount raised (currency) \_\_\_\_\_

Sale to a strategic equity partner or consortium, \_\_\_\_\_%, amount raised (currency) \_\_\_\_\_  
name of partner \_\_\_\_\_

Sale to employees, \_\_\_\_\_%, amount raised (currency) \_\_\_\_\_

Other, \_\_\_\_\_%, amount raised (currency) \_\_\_\_\_, specify \_\_\_\_\_

51) Indicate name and status of other operators (ownership and service provided)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PRIVATE SECTOR PARTICIPATION**

52) Is the private sector permitted to invest in any entity offering public switched local, long distance, international, mobile, or other telecommunication services?

Yes     No

53) What is the maximum foreign participation or ownership permitted for: (respond to as many as apply):

\_\_\_\_\_ %, facilities-based operators

\_\_\_\_\_ %, spectrum-based operators

\_\_\_\_\_ %, local service operators

\_\_\_\_\_ %, long-distance service operators

\_\_\_\_\_ %, international service operators

\_\_\_\_\_ %, other categories, please

explain \_\_\_\_\_

**LEVEL OF COMPETITION**

54) Please complete the following table by marking (X) the relevant level of competition.

Service	Monopoly	Partial Competition	Full competition	Indicate number of operators
Local services				
Domestic long distance				
International long distance				
XDSL				
Wireless local loop				
Data				
Telex				
Leased Lines				
Mobile Analog				
Mobile Digital				
GMPCS				
Paging				
Cable Television				
Fixed satellite services (FSS)				
Mobile satellite services (MSS)				
GMPCS (FSS/MSS)				
IMT 2000				
Internet service providers				
Note: <b>Monopoly</b> = service provided exclusively by one operator. Partial = regulatory framework limits the number of licensees (e.g., duopoly) <b>Full competition</b> = any company can be licensed to provide the service, no limits on number of licensees.				

Please indicate remarks (if any) \_\_\_\_\_

**SECTION V - UNIVERSAL SERVICE**

**UNIVERSAL SERVICE**

55) Does your country have a definition of “universal access to basic services” or “universal service”?  Yes  No

55.a) If **Yes**,

Please specify which services are covered: (check as many as apply)

- Basic Telephony
- Fax
- Internet
- Email
- GMPCS
- Data
- Public payphone
- Accessibility of telephone service from any populated area of the country
- Emergency services
- Special services for the impaired or elderly
- Other \_\_\_\_\_

56) What policies have been implemented in order to ensure universal access to basic services? (check as many as apply):

- Direct subsidy from government
- Cross subsidy between services
- Universal service funds
- Access charges
- Installation of telecentres
- Other policies (please specify) \_\_\_\_\_

57) Does the incumbent operator have to meet specific universal service obligations?  Yes  No

58) Do other operators have to meet specific universal service obligations?  Yes  No

**OTHER OBLIGATIONS**

59) What other obligations are imposed on:

The incumbent operator? (check as many as apply)

- Interconnection
- Service quality
- Expansion & improvement
- Obligations to serve unserved or underserved areas
- Special services for impaired or elderly
- Other \_\_\_\_\_

Other operators? (check as many as apply)

- Interconnection
- Service quality
- Expansion & improvement
- Obligations to serve unserved or underserved areas
- Special services for impaired or elderly
- Other \_\_\_\_\_

60) How are they regulated?

Incumbent: (check as many as apply)

- In license/concession contract
- Contractual programme with the government
- Other \_\_\_\_\_

Others: (check as many as apply)

- In license/concession contract
- Contractual programme with the government
- Other \_\_\_\_\_

61) What plans does your country have to provide public access to the Internet? (e.g., telecentres, kiosks, access points in post offices, access in public schools) \_\_\_\_\_

**SECTION VI - NEW TECHNOLOGIES AND SERVICES**

**INTERNET**

62) In what year was Internet email made commercially available in your country? \_\_\_\_\_

63) In what year was World Wide Web access (including email access) made commercially available in your country? \_\_\_\_\_

64) Is there a licensing regime for Internet service providers (ISPs)?  Yes  No

64.a) If **Yes**, how many licensed ISPs are there \_\_\_\_\_

64.b) How many other ISPs are there that are not licensed? \_\_\_\_\_

64.c) How many ISPs are operational? \_\_\_\_\_

64.d) Which governmental agency issues ISPs licenses? \_\_\_\_\_

Please attach copies of sample ISP licenses or relevant legislation, regulations or policies on ISPs or provide Web site addresses for the same. \_\_\_\_\_

65) Are ISPs permitted to provide leased lines to their customers?  Yes  No

65.a) If **Yes**, are there any restrictions on their ability to do so (e.g., ISPs may provide wireless leased lines, but not fixed-line leased lines) \_\_\_\_\_

66) Do ISPs interconnect (peer) with each other?  Yes  No

66.a) If **Yes**, are they required to do so by law?  Yes  No

67) Are ISPs required to contribute to any universal service or development funds?  Yes  No

68) Is the use of the public Internet<sup>2</sup> for any voice or fax services prohibited in your country?  Yes  No

<sup>2</sup> Note: In answering questions 68 and 69, please distinguish between Internet telephony (and fax) and IP telephony (and fax). Internet telephony uses the public Internet for transmission. IP telephony uses leased lines and managed IP-based networks.

If **Yes**, please specify which types of services are prohibited and whether the prohibition is time-limited. \_\_\_\_\_

If **No**, please state whether the providers of such services are required to contribute to any universal service or development funds (other than those to which they may already be required to contribute as telecommunication service providers or ISPs).  
\_\_\_\_\_

69) Is the use of Internet Protocol (IP)-based networks for any voice or fax services prohibited in your country?

Yes     No

If **Yes**, please specify which types of services are prohibited and whether the prohibition is time-limited  
\_\_\_\_\_

If **No**, please state whether the providers of such services are required to contribute to any universal service or development funds (other than those to which they may already be required to contribute as telecommunication services providers or ISPs)  
\_\_\_\_\_

70) Is Internet access provided uniformly at local call rates in your country?

Yes     No

If **No**,

Please explain \_\_\_\_\_

If **Yes**,

Please explain how this is implemented  
\_\_\_\_\_

71) Can ISPs (other than the incumbent(s) or affiliates) own or lease their own international data gateways (e.g., via satellite or leased lines)?

Yes     No

**CABLE TELEVISION**

72) Is there a law regulating cable television?

Yes     No

73) Are telecommunication companies permitted to provide cable television service?

Yes     No

If **Yes**,

Please specify any restrictions:  
\_\_\_\_\_

74) Are cable companies permitted to provide telephony?

Yes     No

If **Yes**,

Please specify any restrictions:  
\_\_\_\_\_

**SECTION VII - FUTURE PLANS**

75) What major reforms are planned or anticipated over the next two years?

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**DOCUMENTATION**

The ITU/BDT is compiling national policy and regulatory documents (including national policy document, national legislation, decrees, laws, latest tariff decision, interconnection agreement, national information infrastructure policies, etc.) in an effort to establish a comprehensive regulatory library. We would greatly appreciate any relevant documentation (hard copies or electronic) from your country.

Please list documentation provided.

Name	Year	Web site

**We appreciate your participation in this survey. Please return the survey before 9 June 2000.**

Ms. S. Schorr  
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**ANNEX A: PRIVATIZATION TRANCHEs (CONTINUED)**

**SECOND TRANCHE:**

Date of privatization (month/year) \_\_\_\_\_

Total shares sold \_\_\_\_\_ %

Mode used:

Public offering, total \_\_\_\_\_ % , (International \_\_\_\_\_ % , domestic \_\_\_\_\_ %),

amount raised (currency) \_\_\_\_\_

Sale to a strategic equity partner or consortium, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_

name of partner \_\_\_\_\_

Sale to employees, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_

Other, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_,

specify \_\_\_\_\_

**THIRD TRANCHE:**

Date of privatization (month/year) \_\_\_\_\_

Total shares sold \_\_\_\_\_ %

Mode used:

Public offering, total \_\_\_\_\_ % , (International \_\_\_\_\_ % , domestic \_\_\_\_\_ %),

amount raised (currency) \_\_\_\_\_

Sale to a strategic equity partner or consortium, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_

name of partner \_\_\_\_\_

Sale to employees, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_

Other, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_,

specify \_\_\_\_\_

**FOURTH TRANCHE**

Date of privatization (month/year) \_\_\_\_\_

Total shares sold \_\_\_\_\_ %

Mode used:

Public offering, total \_\_\_\_\_ % , (International \_\_\_\_\_ % , domestic \_\_\_\_\_ %),

amount raised (currency) \_\_\_\_\_

Sale to a strategic equity partner or consortium, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_

name of partner \_\_\_\_\_

Sale to employees, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_

Other, \_\_\_\_\_ % , amount raised (currency) \_\_\_\_\_,

specify \_\_\_\_\_

**FIFTH TRANCHE**

Date of privatization (month/year) \_\_\_\_\_



Total shares sold \_\_\_\_\_%

Mode used:

Public offering, total \_\_\_\_\_% , (International \_\_\_\_\_%, domestic \_\_\_\_\_%),  
amount raised (currency) \_\_\_\_\_

Sale to a strategic equity partner or consortium,  
name \_\_\_\_\_

amount raised (currency) \_\_\_\_\_

Sale to employees, \_\_\_\_\_%, amount raised (currency) \_\_\_\_\_

Other, \_\_\_\_\_%, amount raised (currency) \_\_\_\_\_,  
specify \_\_\_\_\_