The Parliament of the Commonwealth of Australia

Phoning home

Inquiry into international mobile roaming

House of Representatives Standing Committee on Communications

March 2009 Canberra © Commonwealth of Australia 2009 ISBN 978 0 642 79166 5 (printed version) ISBN 978 0 642 79167 2 (HTML version)

Contents

Fore	eword	vi
Membership of the Committee		
Terr	ms of reference	Х
List	of abbreviations	xi
List	of recommendations	xiii
1	Introduction	1
	Conduct of the inquiry	1
	Structure of the report	2
	Chapter two	3
	Chapter three	3
	Chapter four	4
	Chapter five	5
2	International Mobile Roaming	7
	The technical aspects of international mobile roaming	7
	Party to party agreements	11
	Charging arrangements	13
	Charge types	13
3	Previous reports on international mobile roaming	19
	Report findings	20
	ACCC report	23
	KPMG report	25

	Different approaches by the ACCC and KPMG	26
	Market distortions	
4	Regulation of international mobile roaming	29
	Retail price control	
	International regulation of costs	
	Declaring international roaming	
	The EU example	
	International cooperation	
	Choosing the best value service	
	Price monitoring	
	Standardisation of information on costs	
	Temporary mobile number portability for roaming	
	Providing advice on high bills	42
5	Alternative services to international mobile roaming	45
	International calling cards	
	Short Message Service (SMS)	
	Use of local networks	
	Using the internet	
	Voice over Internet Protocol (VoIP)	
	Email	50
	The use of hotel phones	
	Committee conclusion	51
Ap	opendix A – List of submissions	53
Ap	opendix B – List of exhibits	55
Ap	opendix C – List of hearings	57
	Wednesday, 24 September 2008 – Canberra	57
	Wednesday, 26 November 2008 – Canberra	
	Friday, 28 November 2008 – Sydney	
	Wednesday, 3 December 2008 – Canberra	

iv

LIST OF FIGURES

Figure 2.1 – Sending and receiving international voice calls and SMS from and to Australia	. 8
Figure 2.2 – Sending and receiving voice calls and SMS within foreign country	. 9
Figure 2.3 – Sending and receiving international voice calls and SMS from and to other foreign	
countries	10
Figure 2.4 – Accessing the internet via laptops and internet-enabled mobile phones	11
Figure 2.5 – Charges when a person in home country calls an internationally roaming mobile	14
Figure 2.6 – Common international mobile roaming charging arrangements	16
Figure 3.1 – ACCC's conclusion regarding wholesale and mark-up components of final consumer	
price	21
Figure 3.2 – KPMG's analysis of wholesale and mark-up price components	23
Figure 3.3 – KPMG's conclusion regarding actual cost and mark-up components of final consumer	
price	24

Foreword

There can be no doubt about the utility of international mobile roaming, a service that allows you to use your own phone and phone number wherever you are in the world.

The utility of roaming was recognised by many of the participants to the inquiry. The Consumers' Telecommunications Network said the following at the public hearing in Sydney on 28 November 2008:

...the expectation these days is to be able to be contacted. People want to take their phones with them, but they do not want to do that at the expense of getting a shock when they come back.

As is clear from this statement, roaming is also known for its cost. During the inquiry, the Committee was confronted with evidence of international mobile roaming bills in the tens of thousands of dollars.

The Committee found that there were two apparent reasons for the high cost of mobile roaming.

The first has to do with how costs are attributed. Roaming is supported by a complex technical treatment of calls to and from roamed phones. This treatment means that the cost of making and receiving calls is higher for roamed calls.

The most obvious example of this is the approach to receiving calls. In the regular use of mobile phones, the recipient of a call is not charged. However, if the recipient is using roaming, they will be charged for the international leg of any calls they receive.

To enhance consumer understanding of roaming costs, the Committee recommends that the:

 Australian Communications and Media Authority facilitate a meeting of the Communications Alliance to discuss the development of a minimum standard for consumer information and awareness on roaming and potential costs; and Australian Government explore opportunities to collaborate with the Australian Telecommunications Users Group's 'Roam Fair' campaign.

The second apparent reason has to do with the power of Australian providers in negotiations with overseas providers over the provision of roaming services. Australian providers do not appear to have the customer base to negotiate competitive prices for roaming services.

The Committee believes this situation is best overcome through a policy of regulating the framework for the wholesale cost of roaming through bilateral and multilateral negotiations with other countries, ensuring that countries with the largest number of Australian visitors are given priority.

In an effort to improve competition between Australian providers, the Committee recommends that the Australian Communications and Media Authority develop, through the Communications Alliance, an amendment to the *Code on mobile number portability* to allow temporary mobile number portability for roaming services.

While there are a number of other ways in which travellers can remain in touch, none of these has the utility of roaming. Nevertheless, the Committee believes that with careful planning most travellers can find an alternative that offers some of the utility of roaming at less cost.

In order to ensure travellers are aware of the alternatives, the Committee has recommended they be incorporated into information on roaming provided by the Australian Government.

Ms Belinda Neal MP Chair

Membership of the Committee

Chair	Ms Belinda Neal MP
Deputy Chair	The Hon Mark Vaile MP (untill 26/8/08)
	Mrs Kay Hull MP (from 26/8/08)
Members	The Hon Bruce Billson MP
	Mr David Bradbury MP
	Ms Julie Collins MP
	Mr Steve Georganas MP
	Mr Steve Irons MP
	The Hon Peter Lindsay MP
	Ms Kerry Rea MP
	Ms Amanda Rishworth MP

Committee Secretariat

Secretary	James Rees (until 16/6/08)
	Siobhán Leyne (until 8/9/08)
	Russell Chafer (until 21/11/08)
	Jerome Brown (from 24/11/08)
Inquiry Secretary	Kevin Bodel
Research Officers	Geoff Wells
Administrative Officers	Dorota Cooley
	Emma Martin (from 15/9/08 to 18 /12/08)
	Claire Young (from 2/7/08 to 12/9/08)

Terms of reference

The Committee is to inquire into and report on:

- The extent to which retail international mobile roaming charges for both voice and data services reflect the underlying costs to operators of suppling the service.
- The adequacy of information available on Australian mobile operators' international mobile roaming costs and revenue in both retail and wholesale markets.
- The impact of new and emerging technologies and commercial initiatives that may reduce international mobile roaming charges for users or provide a substitute for international mobile roaming services.
- The adequacy of existing information from mobile operators available to consumers concerning international mobile roaming charges for users.

List of abbreviations

ACCC	Australian Competition and Consumer Commission
ACMA	Australian Communications and Media Authority
AMTA	Australian Mobile Telecommunications Association
APEC	Asia Pacific Economic Cooperation group of nations
ATUG	Australian Telecommunications Users' Group
CTN	Consumers' Telecommunications Network
DBCDE	Department of Broadband, Communications and the Digital Economy
EC	European Commission
ERG	European Regulators' Group
EU	European Union
GSM	Global System for Mobile
ICN	International Competition Network
ITU	International Telecommunications Union
OECD	Organisation for Economic Cooperation and Development
SIM	Subscriber Identity Module

SMS	Short Message Service
IOT	Inter Operator Tariff
VoIP	Voice over Internet Protocol

List of recommendations

4 Regulation of international mobile roaming

Recommendation 1

The Committee recommends that the Australian Government pursue a policy of regulating the framework for the wholesale cost of roaming through bilateral and multilateral negotiations with other countries, ensuring that countries with the largest number of Australian visitors are given priority.

Recommendation 2

The Committee recommends that the ACCC introduce reporting requirements for international mobile roaming services on Australian providers. In particular, the Committee recommends that cost, revenue and service usage information should be provided.

Recommendation 3

The Committee recommends that the:

- Australian Communications and Media Authority facilitate a meeting of the Communications Alliance to discuss the development of a minimum standard for consumer information and awareness of roaming and potential costs; and
- Australian Government explore opportunities to collaborate with the Australian Telecommunications Users Group's 'Roam Fair' campaign.

Recommendation 4

The Committee recommends that the Australian Communications and Media Authority develop, through the Communications Alliance, an amendment to the *Code on mobile number portability* to allow temporary mobile number portability for roaming services.

5 Alternative services to international mobile roaming

Recommendation 5

The Committee recommends that when an Australian Government agency provides information to the public on roaming, the alternatives to roaming be included as part of the information. These alternatives should include:

- international calling cards;
- short Message service;
- use of local networks;
- email; and
- use of hotel telephones.