

**Exhibit 1**

**Table 1: Second Generation Wireless Equipment Manufacturers**

Manufacturer (Headquarters)	2G Standard					Company Locations	
	Handset	Infrastructure	GSM	TDMA (IS-136)	CDMA	Specifically Identified Manufacturing Locations	Specifically Identified Wireless Manufacturing Locations
1 Lucent Technologies (US)		Y	Y	Y	Y	Worldwide	
2 Motorola (US)	Y	Y	Y		Y	Europe, Latin America, US, Asia	Infrastructure: US, Brazil, China, Korea, UK. Handsets: US, UK, Germany, China, Brazil
3 Qualcomm Inc. (US)	Y	Y	N	N	Y	US, Brazil	US, Brazil
4 Hughes Network Systems (US) - [1]		Y		Y	Y	US, UK, India and Mexico	
5 QPE (US) - [2]	Y				Y	US	US
6 Philips Consumer Communications (US) - [3]	Y		Y	Y	Y		
7 Hyundai Wireless Communications (US) - [4]	Y	Y			Y	Korea	Korea
8 Mitsubishi Wireless Communications (US) - [5]	Y		Y		Y[6]	US	US
9 Fujitsu Network Communications (US) - [7]	Y	Y	Y	Y	Y		
10 OKI Telecom, Inc. (US) - [8]	Y				Y	US	Handsets: US
11 Nortel (Canada)	Y	Y	Y	Y	Y	Canada, Latin America	Infrastructure: Canada, Brazil.
12 Ericsson (Sweden)	Y	Y	Y	Y	N	Worldwide	
13 Nokia (Finland)	Y	Y	Y	Y	Y[6]	Europe, Latin America, US, Australia, Asia	Infrastructure: UK, US, Finland, Australia, China. Handsets: Finland, Brazil, China, Germany, Mexico, Korea, US
14 Alcatel (France)	Y	Y	Y			Worldwide	
15 Siemens AG (Germany)	Y	Y	Y		Y[6]	Worldwide	
16 NEC (Japan)	Y	Y	Y	Y	Y	Worldwide	Mexico
17 Sony Electronics (Japan)	Y		Y		Y	Worldwide	US
18 Matsushita (Japan) - [9]	Y				Y[6]	Worldwide	US
19 Kokusai Electric Co., Ltd. (Japan) - [10]	Y	Y			Y[6]	Japan	
20 Samsung Electronics (Korea)	Y	Y	Y		Y	Asia	Korea
21 Maxon (Korea)	Y		Y		Y	Asia	
22 LGIC (Korea)	Y	Y			Y	Asia, Russia	
23 Pantech Company (Korea)	Y		Y		Y		

Sources: Company 10K's, Company Websites, Industry Group Websites, telephone conversation with Hyundai Wireless Communications on 10/1/98.

## Notes for Table 1: Second Generation Wireless Equipment Manufacturers

- [1] *Hughes Network Systems is a subsidiary of Hughes Electronics, a division of General Motors.*
- [2] *QPE is a joint venture, located in San Diego, between a subsidiary of Sony and Qualcomm.*
- [3] *PCC is a joint venture between Philips N.V. and Lucent Technologies established on October 1, 1997.*
- [4] *Hyundai Wireless Communications, headquartered in San Jose, CA, is a division of Hyundai Electronics of America, itself a subsidiary of Hyundai Electronics Ltd., headquartered in Icheon, Korea.*
- [5] *Mitsubishi Wireless Communications is a US joint venture between Mitsubishi Electric Corporation and Mitsubishi Corporation.*
- [6] *Identified in Qualcomm's 1997 10K as a CDMA licensee. No additional evidence has been found that shows that this company actually produces CDMA equipment.*
- [7] *Fujitsu Cellular Research and Development is a division of Fujitsu Network Communications, Inc., a part of Fujitsu Limited, located in Japan. As of 1997, Fujitsu marketed a line of TDMA based equipment in Asia but was still developing CDMA and GSM based terminal and infrastructure equipment.*
- [8] *Oki Telecom, Inc. is a wholly owned U.S. subsidiary of Oki Electric Industry, Co., Ltd.*
- [9] *Matsushita is the parent company of Panasonic.*
- [10] *Kokusai is a member of the Hitachi Group.*
- [11] *In addition to the companies identified above, the following companies were listed as CDMA licensees in Qualcomm's 1997 10K: Alps, DENSO, Hanwa Corporation, Hatai Electronics Co., Hitachi, Kyocera, Kenwood, LGE, M.I. Tel Co., Ltd., SK Telecom, Sanyo, Sharp and Toshiba.*