

IRG WMR



IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review

Week of 26 August - 1 September, 2007

For more information on IRG, please email communications@irg.biz or visit www.irg.biz.

Hong Kong (HQ)

No.1-2A, 17/F, The Centrium,
60 Wyndham Street, Central,
Hong Kong

Tel: (852) 2237 6000
Fax: (852) 2237 6100

Singapore

5 Rhu Cross, #04-16
Olivia Block, Singapore

437434 Singapore
Tel: (65) 6325 1191
Fax: (65) 6348 9583

Japan

JT Building 15Fl, 2-2-1
Toranomon, Minato-ku,

Tokyo, Japan 105-0001
Tel: (813) 5114 8395
Fax: (813) 5114 8396

Korea

37/F, Asem Tower, Samsung-
dong, 158-1, Kangnam-gu,
Seoul, Korea

Tel: (822) 6001 3840 ext. 3841
Fax: (822) 6001 3711

Philippines

2/F, State Condominium Bldg.,
186 Sacledo St. Legazpi Village,
Makati, Philippines

Tel: (632) 728 5307
Fax: (632) 728 5307

ideas | reach | growth

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Table of Contents

Equity Market Indicators	3
Technology, Media, Telecommunications and Life Sciences Market Activity	3
Weekly Highlights	5
International	5
Japan	5
Korea	7
China	9
Taiwan	12
Hong Kong	13
Singapore/Malaysia/Philippines/Indonesia	14
United States/Canada	16
Europe	17
Other Economic Data	19
Currency Exchange Rates	19
Fixed Income Prices and Yields	19

This document is provided for information purposes only, and constitutes neither investment advice nor the recommendation to purchase or sell securities of the companies named in this document. IRG Limited, f/k/a iReality Group Limited, and its affiliated companies, make no representation as to the accuracy or completeness of the information contained in this document. For more information on IRG call (852) 2237 6000 or visit www.irg.biz.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Equity Market Indicators					
Index	Closing Level (8/31/2007)	% Change 1 Week Ago	% Change Month to Date	% Change 1/1/2007	% Change 1/1/2006
S&P 500	1,473.99	-0.4%	1.3%	3.9%	18.1%
Dow Jones Industrial Avg.	13,357.74	-0.2%	1.1%	7.2%	24.6%
Dow Jones Tech. Index	454.83	1.9%	1.8%	10.2%	21.3%
Dow Jones Telecom. Index	291.90	1.4%	2.4%	12.2%	44.8%
NASDAQ Composite	2,596.36	0.8%	2.0%	7.5%	17.7%
The Street.com Net	276.63	1.0%	3.7%	11.9%	31.5%
Japan Nikkei 225	16,569.09	2.0%	-3.9%	-3.8%	2.8%
JASDAQ	74.30	2.9%	-3.7%	-13.8%	-42.9%
Japan Mothers	729.66	0.4%	-15.6%	-34.3%	-71.3%
Korea KOSPI Composite	1,873.24	4.6%	-3.1%	30.6%	35.8%
Korea Kosdaq	775.13	2.8%	-4.5%	27.9%	12.1%
Taiwan Stock Exchange	8,982.16	3.4%	-3.3%	14.8%	37.2%
Singapore Straight Times	3,392.91	0.7%	-4.4%	13.6%	44.5%
Hong Kong Hang Seng	23,984.14	4.6%	3.4%	20.1%	61.2%
Hong Kong GEM	1,506.56	2.6%	-16.0%	23.0%	49.6%
China Shanghai (A-Share)	5,480.11	2.2%	16.9%	94.7%	348.8%
China Shenzhen (A-Share)	1,531.17	1.9%	13.4%	168.8%	427.9%
China Shanghai (B-Share)	323.40	1.6%	-1.4%	148.5%	421.5%
China Shenzhen (B-Share)	743.10	0.9%	-4.8%	71.5%	279.9%

Technology, Media, Telecommunications and Life Sciences Market Activity						
NASDAQ/NYSE TMT and Life Sciences IPO Filings						
Filing Date	Issuer	Industry Sector	Size (US\$MM)	Description	Book-Runner	Co-Manager
8/30/07	Convio Inc. [NASDAQ: CNVO]	Software	US\$86.2	Provider of on-demand software and services	Goldman Sachs	Thomas Weisel/ William Blair
8/28/07	Precision Therapeutics [NASDAQ: PRET]	Biomed	US\$80.5	Life sciences company developing and commercializing tests	JP Morgan and Piper Jaffray	N/A

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

NASDAQ/NYSE Equity Markets: TMT and Life Sciences IPO Pricing						
IPO Date	Issuer (Exchange)	Description	Size (US\$MM)	Offer Price	Price on 8/24/07	% Change From Offer
N/A						

Asian Equity Markets: TMT and Life Sciences IPO Filings						
Filing Date	Issuer	Industry Sector	Size (US\$MM)	Description	Book-Runner	Co-Manager
N/A						

Asian Equity Markets: TMT and Life Sciences IPO Pricing						
IPO Date	Issuer (Exchange)	Description	Size (US\$MM)	Offer Price	Price on 8/24/07	% Change From Offer
N/A						

Asian Markets: TMT and Life Sciences Convertibles						
Issuance Date	Issuer [Equity Ticker]	Description of Issuer	Maturity Date	Size (US\$MM)	Per US\$10,000 converts to	Convertible Until
N/A						

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Weekly Highlights

International

Internet

- **Media sources show that Japan has the world's fastest Internet connections, followed by South Korea.** At 61 megabits per second, Japan's broadband service is 30 times faster than that of the U.S. at 2 mbps. South Korea is No. 2 with 46 mbps, followed by Finland with 21 mbps, Sweden with 18 mbps and Canada with 8 mbps. South Korea, however, remains the No. 1 when it comes to the number of broadband subscribers. According to data from International Telecommunications Union, there were 24.9 broadband subscribers per 100 inhabitants in South Korea in 2005. Next on the list was Canada with 17.6, Switzerland with 17, Sweden with 15.1, Norway with 15, Israel with 14.3, Japan with 14.1, Finland with 12.8, the U.S. with 11.4, France with 11.2 and the U.K. with 10.3.

Japan

Media, Entertainment and Gaming

- **Announcing a shift in its strategy, Sony reported that it is planning to close its online music store and forego its proprietary digital audio format.** The company said it will focus on MP3 and other open format options. The online music store called Connect sells music in Sony's ATRAC format. Like most other online music shops, Connect has struggled in competition with Apple's iTunes. Sony said its new line of flash memory-based digital Walkman portable music players will play in formats including MP3, Microsoft's popular Windows Media Audio and Advanced Audio Coding (AAC). In a separate development, Apple, which controls more than 75 percent of the portable digital music player market, is expected to announce new versions of the hard-drive-based iPod and a flash memory-based iPod Nano soon.
- **Nippon Telegraph and Telephone Corp revealed its plans to integrate three video distribution services that provide content via fiber-optic lines.** The company said the integration of the services is aimed at boosting its efficiency and countering the slow growth of its membership. The plan will see NTT combining the services of OCN Theater, 4th Media, and On Demand TV Inc., which allow users to access video, high-speed Internet connections and low-priced Internet Protocol phone services by installing special tuners between their television sets and the fiber-optic lines of NTT East Corp and NTT West Corp.
- **Jupiter Telecommunications Co (J:COM), the largest multiple cable TV systems operator in Japan, and Home Box Office (HBO) announced plans to offer HBO programming on the J:COM On Demand service starting October.** The new license agreement between Jupiter VOD Co, VOD content provider for CATV systems, and HBO, Time Warner Inc's premium television programming subsidiary, is expected to bring HBO's programming to Japanese audiences in high definition via the VOD service. Under the agreement, J:COM On Demand will offer four HBO original programs each month, with 80 episodes available at any given time. The programming line-up is seen as giving consumers choices as what to enjoy under the HBO offering.
- **GPlusMedia KK, a Tokyo-based Internet media company, announced that it has secured an equity investment from IA Global Inc.** The deal is valued at US\$1.3 million, which stands for 3.8 million shares of common stock. The company said the latest deal is part of its business plan aimed at

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

boosting its growth through strategic partnerships and other forms. GPlusMedia has offices in Tokyo, Hong Kong and Shanghai. The company publishes several of Japan's best known English-Japanese web sites, including GaijinPot.com and Ecentral.jp, which is the official jobsite of the American Chamber of Commerce in Japan. The company looks to a 150 percent rise in its revenue for 2007-08 to reach between US\$3.5 million and US\$4 million.

Internet

- **According to a top government official, Japan will start research on new network technology to replace the Internet.** Industry sources note that U.S. and European researchers have already started research to rebuild the underlying architecture of the Internet. The change is seen as affecting networking equipment as well as computer software. The country's communications ministry said it is now setting up a committee to work on the post-Internet network technology by fall next year. Industry sources said the Japanese government may consider the new network running parallel with the Internet or eventually taking its place.
- **According to the Japanese office of Skype, the number of Japanese users of Skype's peer-to-peer Internet telephony network will go beyond 8 million by the yearend.** At the end of July, the number of registered users in Japan totaled 5.7 million, with the figure still increasing by 9,000-11,000 daily. Skype, a Luxemburg-based unit of U.S. Internet auction service firm eBay Inc, allows registered users to call other users from their computers free of charge. Software for the service is also provided free. In the fee-based premium service, offered in Japan by Fusion Communications Corp, users can get Internet Protocol phone numbers. An official of Skype in the country clarified also that the Fusion's service will remain the same even though its parent company has changed to Rakuten Inc from Tokyo Electric Power Co.
- **Mizuho Bank announced that it will launch an online Ferris wheel in a three-dimensional virtual world called "Second Life" as a novel way to promote its services and products.** According to the unit of the Mizuho Financial Group Inc, it will be the first major Japanese bank to open a service in Second Life, the virtual world run by the U.S.-based Linden Lab. With the offering, clients can ride the Ferris wheel, which will open in early October in a virtual city operated by advertising giant Dentsu Inc, when they correctly answer certain questions about Mizuho Bank's services and products. The Ferris wheel will open in October.

Mobile/Wireless

- **According to industry sources, NTT DoCoMo Inc. is in the final stage of talks with Acca Networks Co. to work on the next-generation, high-speed data communication services business.** NTT DoCoMo is reportedly planning to invite other companies to form a large alliance, with Tokyo Broadcasting System Inc., Mitsui & Co. and East Japan Railway Co. said to be among the companies considering joining the alliance. Under the alliance, new services will be provided based on the Worldwide Interoperability for Microwave Access standard, or WiMAX. Acca Wireless Co., a subsidiary Acca has set up in June, will be the core entity for the DoCoMo-Acca business. The partners are expected to increase the subsidiary's capital to around 70 billion yen (US\$604.6 million) from the current 300 million yen (US\$2.5 million). Under the deal, Acca will hold about a 45 percent stake in Acca Wireless, DoCoMo about 25 percent and the rest will be shared by other partners. According to the country's Ministry of Internal Affairs and Communications, the next-generation data communication services will use the 2.5-gigahertz bandwidth, with the ministry set to begin accepting applications for licenses to use the bandwidth soon. Sources said Acca aims to enter the advanced

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

communications business because the market for ADSL services is saturated; DoCoMo is seeing a business opportunity in the new area for its technology for communications facility and equipment.

- **Japan Communications Inc, the country's first mobile virtual network operator (MBVNO) announced that it has requested KDDI Corp to open its third-generation mobile phone service network.** Japan Communications described the request as aimed at boosting data communications services in Japan and the U.S.

Software

- **Livedoor Holdings Co announced its decision to sell its business software arm, Yayoi Co, to MBK Partners, a Tokyo-based investment fund.** The deal is valued at 71 billion yen (US\$613.2 million). Livedoor Holdings said it will sell its 100 percent stake in Yayoi to the fund specializing in North Asian investment in a bid to concentrate its resources on its Internet-related services.

Hardware

- **TDK Corp, a manufacturer of electronic parts, announced that it has signed an agreement with Singapore's Magnecomp International Ltd to acquire a 74.3 percent stake in the Singaporean firm's Thai unit.** The deal is valued at 14.2 billion yen (US\$123 million). Under the deal, the Thai firm, Magnecomp Precision Technology PLC, will become a TDK subsidiary producing key components of magnetic heads for hard disk drives. Magnecomp posted sale of 32.7 billion yen (US\$282.4 million) in 2006.

Semiconductors

- **Industry sources said that Sanyo Electric Co has accepted final bids from companies seeking to acquire a majority stake in its semiconductor business.** The company is expected to select the successful buyer by the end of September. A number of firms, including an investment fund, submitted bids for Sanyo Semiconductor Co. Industry sources placed the amount offered for the takeover as being less than 100 billion yen (US\$863.7 million).

Information Technology

- **The Tokyo Stock Exchange Group Inc disclosed that it will be getting technological advice from NYSE Euronext.** The advice will come under its strategic alliance accord with the world's largest stock exchange group. Under the agreement, engineers from NYSE Euronext will provide recommendations to the TSE on various areas including network management and operation, exchange system capacity and performance management. Earlier this month, TSE became a holding company.

Korea

Internet

- **Samsung Electronics announced that it will provide its high-speed wireless Internet in New York City, following its posting that it has received a request from U.S. communications provider Sprint Nextel to establish a WiBro network in the same city.** At present, Samsung has already set up its network in major cities across the U.S. including Washington D.C., Philadelphia and Boston. WiBro, short for wireless broadband, is a homegrown technology that allows for high-speed Internet communication on the go. Industry observers see mobile WiMax or WiBro as the leading technology of fourth-generation communications pushing up the country's economy.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Media, Entertainment and Gaming

- **Two South Korean companies are launching blockbuster games made for Western industries. The two games are Hellgate: London from Hanbitsoft and Tabula Rasa from NCsoft, both developed by programmers based in the U.S., with investment from the South Korean firms.** Industry observers said the outcome of the two overseas projects will indicate whether the firms can lead the game industry. NCsoft, one of the largest game developers in the country, said it is considering selling the game in North America and Europe first, with the firm deciding later whether they will introduce it in South Korea. The game will be available in English, French and German languages. The company refused to reveal the amount of the total investment, but analysts believe the firm has spent some 80 billion won (US\$85.3 million) in setting up the Texas team. Industry observers said Hanbitsoft also faces a crucial test with the launching of its Hellgate: London. The firm is expecting Hellgate: London' to become a major player in the global game industry, with the amount of its investment in the firm reputed to be the largest ever in the Korean game industry.
- **GamenGame.com announced that it is ready for its closed beta test of new MMO game, Pi Story. The game is developed by NCONY Enterprise, the South Korean online game development studio composed of a team of developers, marketers and operations managers with strong MMORPG backgrounds.** Their experiences include working on Ragnarok, Lineage, and Silkroad Online. Building on its many years of game development and operations, NCONY focuses on creating quality digital content for an international audience. Pi Story, is NCONY's first MMO title and has finished its third closed beta test in Korea. The group was formed in April 2003. Game&Game.com is part of the Global Service Platform initiative is initiated by the South Korean government-affiliated Korean IT Promotion Agency (KIPA).
- **Touchdown Entertainment announced today that GameHi, the developer of the popular on-line action game Sudden Attack, has licensed the Jupiter EX game development kit for an upcoming PC title.** Jupiter EX is a multi-platform game development kit with next generation visual technologies. Based in Washington, Touchdown Entertainment provides game development technologies and customer support to developers around the world. The company's versatile product lineup empowers developers of 3D games and applications to focus on content creation rather than technology development. Based in Seoul, South Korea, GameHi specializes in developing online MMORPG and FPS (First-person shooting) games with cutting edge technology, gaming expertise, and innovative ideas. GameHi has become popular ever since Dekaron (MMORPG) and Sudden Attack (FPS) were listed as two of the most popular games in the South Korean online game market.

Mobile/Wireless

- **Industry sources said banks in the country have set up a committee to jointly start wireless telephony services on a lease contract with wireless network operators, such as KT, KTF and LG Telecom.** The services come with what was released earlier this year by the country's Ministry of Information and Communication: a bill introducing the mobile virtual network operator (MVNO) system. With the technology banks are gearing to capitalize on the easing of rules aimed at develop new earnings sources. Banks also are also seen as expected to create synergy with their existing online and mobile banking services. According to the Korea Financial Telecommunications & Clearings Institute (KFTCI), it has teamed up with 17 banks to set up a joint wireless service company. If the plan goes smoothly, banks will be able to provide wireless services, using their 7,000 branch network as telecom stations, just like existing mobile carriers. At present, MVNO is being phased in by a majority of countries worldwide.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Hardware

- **50-inch class LCD TVs are expected to become the leading category in the global LCD TV market.** S-LCD, a joint venture of Samsung Electronics and Sony, announced the opening of its eighth-generation production line at its LCD plant in Tangeong, South Chungcheong Province. The production line focuses on 50-inch class LCD panels while the seventh generation line mainly built 40-inch class LCDs. This development is seen by analysts as making 50-inch class LCD TVs the leading category in the global LCD TV market. In a separate development, the No. 2 LG.Philips LCD recently announced its move to invest in a next-generation production line for 50-inch class panels and is now planning to mass-produce them. Currently, the S-LCD's new LCD production line is the world's largest with a monthly capacity of 300,000 52-inch panels built with an investment of 1.8 trillion won.

Information Technology

- **Hyundai Card announced the opening of its offline shop where their credit cardholders can buy goods with card mileage points, considered the first of its kind in the industry.** Dubbed the M Point Shop, located in southern Seoul, it is the first offline shopping mall set up by a credit card company, according to Hyundai Card. Under the offering, clients earn mileage points each time they use their credit cards. The points can be then be later used to buy goods or services. . Other credit card companies have offered such services only online. Amidst strong market competition, credit card firms reported their earnings in the first half, with a combined net profit rising 80 percent to 1.9 trillion won.

Ventures/Investments

- **Samsung Electronics revealed its plan to bring its research and development outside South Korea.** The company said it is looking to establishing a new research center in Poland. It also has plans to boost the number of its researchers in China and India. Industry observers see this move of the company as indicating a change in its business strategy aimed at enlarging its market share in emerging economies.
- **SK Telecom announced its decision to go into the film distribution business in the beginning of next year, a move that, making it the first telecom business to invest in films.** Media sources said the SK Telecom is poised to come up with a comic action movie, with a working title Once Upon a Time in Korea. Observers also note that telecom capital first went into the movie industry territory with KT's acquisition of production firm Sidus FNH and SK Telecom's purchase of a share in IHQ. The new deal however marks the first time a telecom operator is directly setting up a production and distribution business. Analysts are looking to telecoms with their network technology could bring in a big change in entertainment consumption by releasing movies not only in theatres but also on mobile and Internet screens.

China

Internet

- **Alipay, Alibaba Group's online payment service, announced the launching of a new international service which is seen as enabling consumers in Mainland China to buy from global retailers.** Alipay's new international service allows foreign currency transactions between Chinese consumers and overseas retailers. Launched in 2004, Alipay said it has registered more than

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

47 million users in China, growing at a rate of more than 80,000 new registered users each day. Under the offering, Alipay counts among its first international retailers Sa Sa International Holdings Limited, an Asian cosmetics retailing and beauty services group; StrawberryNET, a provider of discounted designer skin care, make-up, cosmetics, perfume and men's and women's fragrances; and J Shoppers, a subsidiary of Japan's largest listed mail order company Nissen On-line, focusing on mail order sales outside Japan. The company said it looks to this number of overseas partners to reach more than 100 by the end of 2007.

Media, Entertainment and Gaming

- **Shanda reported its unaudited financial results for the second quarter ended June 30, 2007, with its net revenues posting a 6 percent quarter-over-quarter and 39.1 percent year-over-year growth to a record 564.4 million yuan (US\$74.8 million).** The Chinese online gaming firm said its gross profit for the second quarter of 2007 went up 9.4 percent to 379.5 million yuan (US\$50.2 million) from 347 million yuan (US\$46 million) in the first quarter of 2007 and 65.6 percent from 229.2 million yuan (US\$30.3 million) in the second quarter of 2006. Shanda said its operating income for the second quarter of 2007 climbed 8.8 percent to 244.3 million yuan (US\$32.3 million) from 224.5 million yuan (US\$29.7 million) in the first quarter of 2007 and 167.5 percent from 91.3 million yuan (US\$12.1 million) in the second quarter of 2006. In the announcement, the chairman and CEO of Shanda noted that its newly launched game La Tale has shown great success, with the company looking to strong growth from its current titles. In a related development, Shanda announced that Daniel Zhang has resigned as vice president and chief financial officer of the company and will remain a member of the board of directors of the company following his resignation from management. The company said Jun Tang, currently the company's president, will be named as an acting chief financial officer.
- **The9 announced its unaudited financial results for the second quarter ended June 30, 2007, with its net income declining by 23 percent to 50.6 million yuan (US\$6.7 million) from 66.1 million yuan (US\$8.7 million) in the first quarter of 2007 and by 40 percent from 84.3 million yuan (US\$11.1 million) in the second quarter of 2006.** The Chinese online gaming company reported a 5 percent rise in its total gross revenues to 284.6 million yuan (US\$37.7 million) from 271.3 million yuan (US\$36 million) in the second quarter of 2006. As at June 30, 2007, the company's total cash and cash equivalents balance was 2 billion yuan (US\$265 million).
- **Actions Semiconductors (ACTS) announced that it has entered into a partnership with Muzgame.com to integrate downloadable audio and video content for portable multimedia players.** Muzgame.com is a website that hosts video and audio content, provided by users and through partnerships with leading music record issuers. Related to the alliance, Actions also secured an agreement with conjunction with four brand name customers Unibit, Orange, Delux and MAG Digital to joint promote a new music record with Muzgame.com, and EE Media throughout China.

Mobile/Wireless

- **Bird reported for the first six months of this year a total loss of 237 million yuan (US\$36.1 million).** Industry observers note that in 2005 the Chinese mobile phone maker also suffered losses. Bird estimates that its net profit for the period from January to September of this year indicate also huge losses. Responding to this current crisis, the company revealed its plans to sell the stake of three of its affiliates, which include Ningbo Sagem Bird Development and Research Co., Ltd, a joint venture company between French Sagem and Bird. The company expects to generate from this sale some 25 million yuan (US\$3.3 million). Media sources also reported that Bird has two other separate plans.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

One is the transfer of 24 percent of its stake at Chongqing Bird Technology to Chongqing Runsida Technology in exchange for 441,300 yuan (US\$58,500). The other plan calls for a transfer of 73 percent of the stake of Chongqing Bird Information Technology to Zhou Guangzhi from Ningbo Bird Holding Co., Ltd. in a deal estimated to be worth 3 million yuan (US\$397,600).

- **Lenovo Mobile and Gome announced that they have entered a new strategic cooperative agreement.** Under the new partnership, Lenovo Mobile will see S7, the latest mobile phone product of its star product series, exclusively sold at Gome. Part of the agreement will also have the two companies conduct a range of in-depth projects in a one-month period.
- **China Electronics Corporation Group (CEC) announced that it entered into an agreement with Philips, a part of which allows the Chinese company to use the trademarks of Philips.** Valid until March 2012, the authorization will enable CEC's subsidiary Shenzhen Sangfei Mobile Phone to produce and sell Philips branded mobile phones. The agreement calls for CEC to pay Philips 7 million euros (US\$9.5 million) each year for the trademark authorization during the initial period. In addition, it also must pay a symbolic US\$1 to Philips as an intellectual property fee.
- **China Unicom announced that it has launched some 72 types of CDMA customized mobile phones fitted with stock and financial services software.** The company conducted the launching jointly with more than 20 CDMA mobile manufacturers in China and abroad. For the launch, China Unicom entered into agreements with numerous CDMA mobile phone makers including LG, Samsung, Motorola, Nokia and TCL. The company said it has purchased more than 2 million CDMA customized stock mobile phones, with the value of transactions estimated to be more than 1.7 billion yuan (US\$225.3 million).
- **Nokia announced at the Game Developers Conference China that Sina.com has launched five connected mobile games powered by Nokia's SNAP Mobile.** With the offering, consumers in China can go into new games, which include 3D Pool Hall, Jellypop, Sudoku, and upgraded versions of Link Up and Stone Park via Sina's mobile portal. The service will also allow consumers to download the games and play them twice offline for free. To continue playing and access multiplayer features, however, players can buy a subscription for 1 yuan (US\$0.1) for 24 hours of unlimited play, either online or offline.

Software

- **Qualys announced that it has entered into a partnership with AsiaPay to resell Qualys' solutions to aid customers in facing weaknesses and threats.** The partnership will also see AsiaPay using QualysGuard to deliver PCI certification and PCI-related services to their clients. Based in Hong Kong, with operational presence in Thailand, the Philippines, Singapore and mainland China, AsiaPay provides a comprehensive suite of secure, scalable, function-rich, real-time multi-currency payment processing solutions and technologies on credit and debit cards for banks, corporations, small-to-medium enterprises, charities and individuals.

Hardware

- **China Hualu Group announced that it has signed on to the Blu-ray optical disk format.** Blu-ray competes with another format, HD DVD, as the dominant format in the industry. In a related development, China Hualu Group and China Film Group said it has agreed to set up an authoring center in China that will release Chinese local content on Blu-ray. Behind Blu-ray are firms that include Sony Corp, Philips, Apple Inc and Hewlett-Packard. Supporting HD DVD are companies led

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

by Toshiba and Microsoft. Blu-ray and HD DVD assure high-definition movies or television compared to the present DVD format.

- **PC manufacturer Acer disclosed its plans to buy Gateway in a deal placed at US\$710 million.** Under the deal, Acer is paying US\$1.9 per share to acquire Gateway, the No. 4 PC maker in the U.S. The deal is also seen as boosting the company annual revenue to hit US\$15 billion, pushing the company the third largest computer manufacturer in the world. The transaction is expected to be completed by December 2007. Earlier, Gateway revealed its plans to enter into an alliance with Digital China to sell its computer products in China.
- **Rumors are circulating that Great Wall is looking to acquire Seagate, an American computer hard disk maker.** The Chinese manufacturer has been singled out for its reputation as one of the most stable and famous IT companies in China. In some reports, instead of Seagate, Western Digital is the company identified as the one being eyed by Great Wall.

Ventures/Investments

- **Symbian announced that it has set up a global R&D center in Beijing expected to assume a significant role in the company's development of Symbian OS.** The center is the fourth R&D center with the others located in UK and India. More than 145 million Symbian smartphones have been sold worldwide to more than 250 major network operators. Symbian says it leads the market with a global market share of 72 percent of the smartphone OS market during the second quarter of 2007. Symbian disclosed that it seven Chinese companies have already joined the Symbian Platinum Program, a partnership scheme which represents key technology innovators and service providers in the mobile industry. The partners joining the Symbian Platinum Program are: Aspire Holdings, Ltd., Intromobile Co., Ltd., Leadtone Wireless, Ltd., Beijing Netqin Tech Co., Ltd., Tencent Technology Ltd., Simlife Science & Technology Co., Ltd. and Shenzhen Temobi Science & Tech Development Co., Ltd. Symbian also announced details for a local Symbian Academy program in collaboration with several local universities. The six Chinese universities involved with Symbian Academy are: Beijing University of Posts and Telecommunications, Beihang University, Graduate University of the Chinese Academy of Sciences, Tongji University, Nanjing University and Daqing Petroleum Institute.

Taiwan

Telecommunications

- **Chunghwa Telecom Co, Taiwan's largest telecom operator, predicted its revenues in the second half as being 5 percent higher than its previous projection.** The company based its forecast on stricter cost-control and assumption of higher profits. According to its company chairman, Chunghwa Telecom has plans to continue reducing capital by repurchasing and canceling shares to boost return on equity and better utilize its resources. Industry observers note that earlier this year the telecom company has reduced its capital by 9 percent even as it looks to slashing another 2.3 percent by buying back and canceling 250 million shares before Oct. 28. Chunghwa Telecom has 93 percent more capital than rival Taiwan Mobile Co and 250 percent more capital than Far EasTone Telecommunications Co. The company reported an 11 percent rise in its net profits to NT\$24.6 billion (US\$744 million) for the first six months of the year, compared with the NT\$22.1 billion (US\$667.7 million) it posted a year earlier. In a separate development, Chunghwa Telecom Co said it plans to spend NT\$5 billion (US\$151 million) on setting up a property development and management subsidiary in a bid to revitalize 410 hectares of properties.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Ventures/Investments

- **Tatung, an appliance and consumer electronics manufacturer, announced its plan to invest an additional NT\$1 billion (US\$30.3 million) in its wholly owned subsidiary Tatung Telecom, a WiMAX licensee in Taiwan.** According to a company filing with the Taiwan Stock Exchange in August, the investment is aimed at increasing the subsidiary's paid-in capital from NT\$100 million (US\$3 million) to NT\$1.1 billion (US\$33.3 million), according to a company filing with the Taiwan Stock Exchange (TSE) on August 29. The capital injection is seen also as allowing the company to reach the minimum paid-in capital of NT\$1 billion (US\$30.3 million) required by Taiwan's National Communications Commission (NCC) for WiMAX licensees. The government said all licensees must meet the minimum amount by early 2008.

Hardware

- **Kingston Technology announced that it is set to expand its capacity in the region, having seen its DRAM module market share reach 21-25 percent in China.** The company said its Shanghai production hub now contributes half of Kingston's global capacity even as the company has plans to maximize the use of its Shanghai site, which at present has only about one-third of the land area being used. Outside the Shanghai plant, Kingston also houses a production plant at Shenzhen. This plant was established by China-based Greatwall via a technology transfer. This plant started producing NAND flash drives from 2007. There are eight production lines currently in the site. A company official expects the company to have sales of US\$5 billion in 2007, up from US\$3.7 billion in 2006.
- **CMC Magnetics, the largest Taiwan-based producer of optical discs, announced that its decision to invest up to NT\$400 million (US\$12.1 million) to establish a new subsidiary, Shang Yang Technology.** CMC said Shang Yang will operate solar cell module related businesses, with the new company possessing a registered capital of NT\$700 million (US\$3 million). Earlier in July this year, CMC also set up a subsidiary to make thin-film solar cell modules, Sun Well Technology.

Hong Kong

Telecommunications

- **PCCW Ltd., Hong Kong's dominant fixed-line operator, announced a 3 percent rise in its first-half net profit, with the company citing lower taxes in mainland China and the improved performance of its core telecommunications business as the main factors for the results.** PCCW reported net profit for the six months ended June 30 climbing to HK\$822 million (US\$105.4 million) from HK\$796 million (US\$102 million). The company said its total revenue posted an 18 percent decline to HK\$11.6 billion (US\$1.4 billion) from HK\$14.1 billion (US\$1.8 billion). Revenue from its core telecom business registered a 7 percent rise to HK\$9.5 billion (US\$1.2 billion) from HK\$8.8 billion (US\$1.1 billion). As of June 30, the company registered 119,000 3G customers, more than double the 55,000 in the year-earlier period. PCCW said its Hong Kong-based broadband-television business, NOW TV, reported a loss before interest, tax, depreciation and amortization of HK\$74 million (US\$9.4 million), compared to HK\$155 million (US\$19.8 million) in the previous period. NOW TV registered 818,000 subscribers at the end of June, up from 758,000 at the end of last year. PCCW said it is looking to its broadband-TV business to break even by the end of 2007.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Mobile/Wireless

- **OFTA, Hong Kong's telecommunications regulator, announced that it has released the invitation for bids for a CDMA2000 license.** The auction will be the second one to take place in Hong Kong for the assignment of radio spectrum since the auction of the radio spectrum for 3G mobile services in September 2001. The regulator stated that one license will be issued for the provision of CDMA2000 services starting November 2008. Radio spectrum with a bandwidth of 7.5 MHz x 2 in the 850 MHz band will be assigned to the licensee. The reserve price is set at HK\$76 million (US\$9.7 million). The auction is set to be held around late October or early November, with the new licensee given about one year lead time to roll out its network before initiating CDMA2000 services from 20 November, 2008.
- **NeuStar, Inc. announced that it has launched ICQ's Instant Messaging solution in Israel for Partner Communications Ltd.** With the offering, Partner Communications Ltd. is expected to have a competitive advantage in the mobile market, with ICQ members able to send message each other through their mobile phones. Partner Communications Ltd soft-launched the ICQ Mobile Instant Messaging service in May 2007. NeuStar, Inc. is a provider of clearinghouse and directory services to the global communications and Internet industry. In November 2006, NeuStar created its Next Generation Messaging (NGM) Services by acquiring Followap Inc., a leading global provider of instant messaging, presence and interconnect services. NeuStar, Inc. is headquartered in the U.S., with subsidiary offices in Europe and Asia. ICQ is a leading instant messaging service provider with a global online communications community. Partner Communications Company Ltd. (Partner) is a leading Israeli mobile communications operator providing GSM / GPRS / UMTS / HSDPA services and wire free applications. As of March 31, 2007, the company has provided quality service and a range of features to 2.7 million subscribers in Israel. Partner is a subsidiary of Hutchison Telecommunications International Limited, a leading global provider of telecommunications services. Hutchison Telecom currently offers mobile and fixed line telecommunications services in Hong Kong, and operates mobile telecommunications services in Macau, Israel, Thailand, Sri Lanka, Ghana, Vietnam and Indonesia.

Singapore/Malaysia/Philippines/Indonesia

Internet

- **Pacific Internet Limited (PacNet), the largest telco-independent Internet communications service provider by geographic reach in the Asia-Pacific, reported a 3 percent rise in its net income to US\$0.6 million during the quarter, compared to the same quarter in 2006.** The company said that its Corporate Business contributed about 82.5 percent of the total sales in the same period. PacNet said its revenues from outside Singapore posted a 68 percent growth indicating that the company remains a solid presence in the international service provider sector. The company said the quarter ended 30 June 2007 generated net revenues of US\$34.3 million, with the quarterly results going beyond S\$50 million (US\$32.8 million) for the first time.

Mobile/Wireless

- **Palm, Inc. announced that an update to the Windows Mobile 6 Professional operating system will be available for Palm Treo 750v and Palm Treo 750 smartphone customers in Singapore.** The update will be available at no extra cost as a download for existing Treo 750v and Treo 750 customers. For Palm Treo 750v customers, the update also will facilitate 3G broadband HSDPA

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

(High-speed Downlink Packet Access) capability, allowing faster data-download speeds on 3G/UMTS/HSDPA networks.

- **Huawei announced that it has successfully deployed Asia Pacific's first High-Speed Uplink Packet Access (HSUPA) commercial network for StarHub, one of Singapore's major information communications companies, a work that includes the installation of more than 1,000 next generation Distributed Node B base stations across the island state.** Huawei said that its Node B solution features small, light weight and easy to install units with the ability to significantly reduce an operator's operating expenditure. During the project deployment phase Huawei engineers installed about 100 of these nodes each week. StarHub has commercially launched its nationwide mobile broadband network.
- **QUALCOMM Incorporated, a leading developer and innovator of advanced wireless technologies and mobile data solutions, Maxis Communications Berhad and ASTRO All Asia Networks plc, announced that the companies have signed an agreement to conduct a technical trial of QUALCOMM's MediaFLO technology in Malaysia.** The MediaFLO trial is expected to begin in fall 2007 and will feature 25 live content channels provided by ASTRO delivered in an 8 MHz UHF channel. The trial also will include Clipcasting media, which refers to short-format video content that can be stored on the mobile device and viewed at a later time. Maxis is the leading telecommunications service provider in Malaysia, offering a range of UMTS third-generation wireless, fixed and international network services. ASTRO is the region's leading cross-media, multichannel broadcaster with direct-to-home satellite television services in Malaysia, Brunei and Indonesia. The company currently offers nearly 80 channels of content in PAL format. MediaFLO technology is based on FLO, a globally-recognized, open- standard air interface technology designed to increase capacity and coverage, as well as reduce cost for multimedia content delivery to mobile handsets.
- **Vyke, the mobile Voice over Internet Protocol (VoIP) service provider, announced that it has reached an agreement with Singapore-based Mozat Pte Ltd, owner of the Morange mobile community.** Under the agreement, The Vyke's VoIP-based mobile calling services will be integrated with the Morange mobile service platform. The deal will also see the services available to them more than 500,000 Morange users. Mozat is an enterprise mobile solutions provider that develops carrier-grade and enterprise-class mobile solutions for enterprises, mobile carriers, software providers and device manufacturers. Singapore-based Morange, a product of Mozat, is a mobile platform which provides an operator independent, mobile handset- based interface featuring services such as mobile based social networking, push email, cross platform instant messaging, remote desktop access and personal information management. The agreement was generated by way of Vyke's Malaysian subsidiary, Vyke Asia Sdn Bhd. Vyke Communications plc, previously known as Tower PLC, is headquartered in the UK with subsidiaries and offices in Norway, Iceland, and Germany, and the U.S.

Telecommunications

- **ZTE Corp. announced that it has recently secured an agreement with Telkom Indonesia, the largest InfoCom company and full-service network provider in Indonesia, to help expand the CDMA2000 network capacity for national coverage.** The deal will see the network expand to cover the four main cities of the eastern part of Sulawesi, Indonesia. Telkom owns Telkom Flexi, a fixed wireless network brand, which is currently being used by 5 million users representing 50 percent market share of Indonesia's CDMA total market size. As one of Telkom Indonesia's major providers, ZTE has almost 3.5 million lines of CDMA network capacity.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

United States/Canada

Internet

- **Earthlink, a U.S.-based Internet service provider, announced its decision to lay off 900 employees in a cost-cutting move.** Earthlink is the partner of SK Telecom in Helio, a U.S. wireless carrier. Earthlink explained its decision as an effort to reduce its operating costs, with the company indicating that additional cost-cutting steps will be done in the next few months. SK Telecom and Earthlink launched Helio, a mobile virtual network operator (MVNO), in May to with each partner contributing US\$270 million each. Helio has approximately 100,000 subscribers with average revenue per unit (ARPU) of about US\$100.
- **General Atlantic announced that it would soon secure the services of two prominent Internet executives expected to provide the firm counsel on investments in the online sector.** General Atlantic, one of the largest U.S. private equity firms, identified the two persons as Jonathan Miller, former Chief Executive of AOL, which is part of Time Warner Inc, and Ross Levinsohn, former President of Fox Interactive Media at News Corp. Other than general information about them, the firm did not disclose specific assignments for the two executives. General Atlantic said it has invested some US\$1.3 billion in more than 20 companies in the Internet sector since 1995.
- **Yahoo announced its plan to introduce an upgraded free email service with new features that allow people send text messages from computers to cell phones.** The company said the improved Yahoo! Mail being rolled out around the world in the coming weeks is the most extensive overhaul of the web-based email service since its launching years ago. The offering is limited at present to India, Canada, the U.S. and the Philippines as the text messaging feature depends on cooperation of mobile phone service providers. Improvements include making the service faster and enabling users to have instant message conversations with people using Microsoft's Windows Live Messenger service. The company said it will continue offering its old email platform for those that do want to shift to the new program.
- **Media sources said that Amazon.com Inc has tentatively selected a mid-September launch of its music service.** The store will offer songs in the MP3 format. Industry observers see the offering as an alternative to Apple Inc's iTunes. No comment from Amazon officials was immediately secured.

Mobile/Wireless

- **Handmark, a global leader in the development and distribution of mobile media, and I-play, the mobile entertainment company, announced a strategic distribution agreement under which Handmark will distribute I-play's most successful casual titles for BlackBerry devices through its global distribution channels.** With the agreement, Handmark will be distributing titles that include The Fast and The Furious: Tokyo, from the best selling mobile racing franchise which has topped 8 million downloads, and Jewel Quest, the mobile editions of the award-winning online match game that has achieved more than 40 million downloads since its 2004 debut. I-play is a wholly owned subsidiary of Oberon Media, the world's leading casual games company. Oberon's Game Centre platform is the industry standard and has been adopted by many of the world's largest corporations. Founded in 2003, Oberon Media is headquartered in New York, with offices in North America, Europe and Asia.

Media, Entertainment and Gaming

- **Electronic Arts Inc. and BL Publishing, a division of Games Workshop, announced that BL Publishing will release an original novel based on the highly anticipated MMORPG,**

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

WarhammerOnline: Age of Reckoning (WAR). The first book in the new series of novels set in the Age of Reckoning, EMPIRE IN CHAOS will be available in all major bookstores and on the BL Publishing web site in early 2008. Warhammer Online: Age of Reckoning (WAR) is the new MMORPG from the creators of Dark Age of Camelot. Based on Games Workshop's wildly successful Warhammer tabletop fantasy war game, WAR features next generation Realm vs. Realm (RvR) game play. Electronic Arts Inc. (EA), headquartered in California, is the world's leading interactive entertainment software company. Founded in 1982, the company develops, publishes, and distributes interactive software worldwide for video game systems, personal computers, cellular handsets and the Internet. BL Publishing is a division of industry giant Games Workshop and has been publishing award-winning fiction set in the Warhammer and Warhammer 40,000 game worlds through their The Black Library imprint for more than ten years.

- **D2C Games, a premier publisher and developer of downloadable interactive entertainment, announced that it has closed its Series A financing round of approximately US\$6 million.** Investors in the round include Rubicon Venture Partners and 755 Capital Partners. The company said the funds will be used to further the company's publishing efforts and creation of original intellectual properties for games and merchandising opportunities. Earlier, D2C Games announced disclosed that it is working on multiple original game concepts. The company said it has plans to identify traditional entertainment properties to bring to the digital medium, with the aim of providing content to Sony PlayStation 3, PSP, Nintendo Wii, Xbox 360, PC and 3G Mobile via direct download. Based in California, D2C Games, Inc., is a digital game publishing pioneer focused on original intellectual property, casual sports and episodic entertainment for all platforms via download. The company is a licensed Sony publisher and provides direct-to-customer game publishing services for independent studios. Bigdog Games, its internal development studio, provides intellectual property design and development for PlayStation2 and PLAYSTATION 3 computer entertainment systems, PSP, Xbox 360, Nintendo Wii, Nintendo DS, PC, and 3D mobile platforms.
- **NBC Universal revealed its decision not to renew its contract to sell television shows on iTunes, a move that makes it the second major media company to face up to Apple Inc's dominance in digital entertainment sector.** Apple explained that NBC has asked for more than double the wholesale rate for each show, an allegation that was disputed by NBC. NBC Universal, which is controlled by General Electric Co, is the No. 1 supplier of digital video to iTunes. Viacom Inc, Walt Disney Co, Time Warner Inc and News Corp are the supplier of television programs to iTunes. Earlier in July, Vivendi's Universal Music Group declined to sign a long-term deal with iTunes, leaving open the possibility for exclusive deals with other services.

Europe

Media, Entertainment and Gaming

- **Telcogames, a global publisher, developer and distributor of mobile games, announced its acquisition of Viva La Mobile, a leader in real-time multiplayer games for mobile devices.** Viva La Mobile has been live with their proprietary Redstar multiplayer platform for the past three years. In Hong Kong, Smartone Vodafone Hong Kong; PCCW Sunday Hong Kong and Telstra are all live carriers cumulatively generating over 1.4 million paid for multiplayer game sessions. In addition to real-time multiplayer, the Viva La Mobile Redstar platform allows payment flexibility with pay per play billing, free play and subscription models. It also offers chat, high scores, international leader-boards and tournaments under its mobile games championship (MGC) brand with carrier grade servers

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

hosted in several locations worldwide reducing the integration required for carriers and eliminating any cost on behalf of carriers. Telcogames is headquartered in London and is privately owned. Viva La Mobile is an Australian based mobile games developer and the operator of a cross-carrier multiplayer service, RedStar. This service brings together mobile game players from around the globe in real-time competition.

- **Mercury Games announced that it has secured an exclusive distribution agreement with Atari UK.** Under the deal, Atari UK becomes responsible for the distribution of upcoming titles Paint by DS for Nintendo DS, Warriors of the Lost Empire for Sony PSP and Jamster Allstars for PS2 and PC. These titles will be distributed by Atari in the UK, Ireland, Scandinavia and South Africa. The agreement will also see Mercury Games and Atari UK combining their PR and marketing skills to deliver comprehensive launch campaigns for each new title. Mercury Games was set up in 2005 as a video games publisher and has sold over 1 million units worldwide of the Crazy Frog franchise. It publishes games across all platforms including licensed and original IP products for PC, Nintendo DS and Wii, Sony PS2, PSP and PSN, and Microsoft Xbox Live Arcade. Based in London, Mercury Games currently operates two additional brands, Turtle Games which publishes games for the children's market and The Zen Series which publishes relaxing, non-violent and non-competitive lifestyle games.

Mobile/Wireless

- **Deutsche Telekom AG revealed that it is in talks with Apple Inc. about selling the iPhone in Germany, with the German firm looking to the U.S. company to announce its German distribution partner soon.** Rumors have been circulating in the industry that Apple plans to identify one or more European partners soon. Industry observers also claim that the anticipation for the arrival of iPhone in Europe has been intensified after a report announced that the deal between Apple and three mobile phone operators in the region: Germany's T-Mobile, France's Orange SA and Britain's O2 (UK) Ltd.

Internet

- **Dailymotion SA, a Paris-based video-sharing site considered to be the rival of YouTube, announced that it has secured a fresh round of funding.** The fund is expected to help the European firm compete with its U.S. rival whose performance in Europe has been on the upswing ever since the launching of the local versions of its service in June this year. The company said it received an additional US\$34 million in venture capital funding to continue its development, a spokeswoman said. The investors are Advent Venture Partners LLP and AGF Private Equity.

Semiconductors

- **Osram (Germany) announced that it has granted Seoul Semiconductors a license to manufacture and sell white LEDs using conversion technology covered by patents owned by the Osram subsidiary, Osram Opto Semiconductors.** With the agreement, Seoul Semiconductors has also given Osram a license to use housing patents of Seoul Semiconductors. The partnership is seen by forging a closer cooperation between the two companies. Conversion technology was developed by Osram Opto Semiconductors, a technology that allows the production of white LEDs using blue emitting InGaN (indium gallium nitride) based chips and a suitable fluorescent converter. Osram said it has signed royalty bearing license agreements with various companies, including Samsung Electronics, Yashin and Citizen.

IRG Technology, Media and Telecommunications and Life Sciences Weekly Market Review



Week of 26 August- 1 September 2007

Other Economic Data

Currency Exchange Rates						
Currency	Units	Current Rate (on 8/31/07)	% Change 1 Week Ago	% Change 1/1/2007	% Change 1/1/2006	% Change Last 12 Mth.
Japanese yen	¥/US\$	115.7600	-0.6%	-2.8%	-1.7%	-1.3%
Hong Kong dollar	HK\$/ US\$	7.7969	-0.03%	0.2%	0.5%	0.3%
Chinese renmenbi	RMB/ US\$	7.5435	-0.3%	-3.4%	-6.5%	-5.2%
Singapore dollar	S\$/ US\$	1.5249	0.3%	-0.8%	-8.3%	-3.1%
South Korean won	KRW/ US\$	938.0000	-0.4%	0.9%	-7.1%	-2.4%
New Taiwan dollar	NT\$/ US\$	32.9900	0.05%	1.2%	0.5%	0.4%
Australian dollar	US\$/A\$	0.8186	-1.1%	3.8%	11.7%	7.2%
New Zealand dollar	US\$/NZ\$	0.7013	-2.7%	-0.4%	2.6%	7.0%
Philippine peso	PHP/ US\$	46.4000	-0.5%	-5.3%	-12.6%	-8.6%
Euro	US\$/€	1.3628	-0.4%	3.3%	15.0%	6.4%
British pound	US\$/£	2.0163	0.1%	2.9%	17.0%	5.9%

Fixed Income Prices and Yields							
Note	Currency	Current (on 8/31/07)		1 Week Ago		4 Weeks Ago	
		Price	Yield	Price	Yield	Price	Yield
US 30-year	US\$	102.70	4.89%	101.78	4.95%	98.20	4.91%
Japan 30-year	¥	100.87	2.37%	101.14	2.36%	99.47	2.43%
Hong Kong 10-year	HK\$	102.98	4.52%	103.18	4.50%	102.21	4.61%
China (06/16)	US\$	110.71	3.35%	110.71	3.35%	99.42	4.82%
Singapore 10-year	S\$	106.50	2.94%	107.20	2.86%	106.60	2.91%
South Korea 20-year	KRW	9,801.14	5.71%	9,952.14	5.57%	10,025.62	5.40%
Australia 15-year	A\$	94.54	6.00%	94.17	6.04%	94.25	5.95%
New Zealand (12/17)	NZ\$	98.63	6.28%	96.53	6.57%	96.63	6.43%
Philippines 20-year	PHP	89.96	9.32%	89.73	9.35%	91.68	9.00%
India 30-year	INR	100.00	8.50%	100.15	8.49%	99.44	8.38%
UK 30-year	£	95.81	4.56%	95.57	4.58%	95.12	4.57%
Germany 30-year	€	91.80	4.51%	92.13	4.49%	92.83	4.47%

This document is provided for information purposes only, and constitutes neither investment advice nor the recommendation to purchase or sell securities of the companies named in this document. IRG Limited, and its affiliated companies, make no representation as to the accuracy or completeness of the information contained in this document.