

This publication was downloaded for exclusive use by: Bo.Denworalak@macquarie.com

Flashnote 15 August 2022

ASEAN

#### **EQUITIES**

BCH TB	Dutperform		
Price (at 08:51, 15 Aug 2022 GMT)	MT) Bt20.60		
Valuation - DCF (WACC 5.0%, beta 0.8, ETGR 2.5%)	Bt ERP 6.5%, R	27.84 FR 2.0%,	
12-month target	Bt	27.50	
Upside/Downside	%	+33.5	
12-month TSR	%	+36.7	
Volatility Index	L	ow/Medium	
GICS sector Health Care Equipment & So	ervices		
Market cap	Btm	51,371	
Market cap	US\$m	1,460	
Free float	%	50	
30-day avg turnover	US\$m	5.8	
Number shares on issue	m	2,494	

#### Investment fundamentals

Year end 31 Dec		2021A	2022E	2023E	2024E
Revenue	m	21,529	19,986	13,340	13,383
EBIT	m	9,499	6,000	2,731	2,715
EBIT growth	%	419.9	-36.8	-54.5	-0.6
Reported profit	m	6,846	4,112	1,848	1,749
EPS rep	Bt	2.74	1.65	0.74	0.70
EPS rep growth	%	456.9	-39.9	-55.1	-5.3
PER rep	Х	7.5	12.5	27.8	29.4
Total DPS	Bt	1.00	0.66	0.30	0.38
Total div yield	%	4.9	3.2	1.4	1.8
ROA	%	44.3	22.6	10.5	10.4
ROE	%	68.9	29.8	12.6	11.4
EV/EBITDA	Х	5.2	7.7	14.0	14.1
Net debt/equity	%	17.0	26.5	26.3	27.2
P/BV	Х	4.0	3.5	3.5	3.2

# BCH TB rel SET performance, & rec history



Note: Recommendation timeline - if not a continuous line, then there was no Macquarie coverage at the time or there was an embargo period. Source: FactSet, Macquarie Research, August 2022 (all figures in THB unless noted)

# Bangkok Chain Hospital (BCH TB) 2Q22A – a miss on GPM

#### Miss on GPM from lower revenue for Covid treatment

 BCH reported 2Q22 NPAT of Bt1.4bn (flat YoY; -44% QoQ). The result missed Bloomberg expectation by 7%, despite a slight beat on top line, but in line with our expectation. We think the miss is mainly from Covid-related revenues; 2Q22 was the first full quarter for the shift from inpatient to outpatient under home isolation scheme for Covid, resulting in lower revenue per patient. This resulted in revenue from hospital operations dropping 22% QoQ while costs of operations only softened 10% QoQ.

#### Key highlights

- Growth from social security patients slightly offset lower Covid-related revenues. Excluding Covid-related revenues booked under the social security scheme (SSC), social security revenues improved 12% YoY, partly driven by social security registered person which grew 9.6% YoY to 976k. Social security registered person should hit 1m during 3Q22, so we expect this to be a revenue driver in 2023. General OPD and IPD patient revenues dropped 53% QoQ mainly from lower Covid tests and lower revenue per patient from home isolation Covid treatment.
- Variable costs drove an increase in operating costs. The operating costs
  mainly increased from doctor fees and other variable costs related to Covid
  treatment. Although revenue per patient was lower in 2Q22, patient volume
  was high resulting in higher variable costs. SG&A was also trending higher,
  which we believe was from the same reason.

#### Action and recommendation

• We maintain Outperform as 2Q22 result was in line with our expectation.

#### 2Q22 result summary

Btm	2Q21	3Q21	4Q21	1Q22	2Q22	YoY%	QoQ%
Revenue from hospital operations	4,313	7,959	6,816	7,087	5,523	28%	-22%
Total revenue	4,330	7,978	6,838	7,119	5,541	28%	-22%
Cost of hospital operations	(2,318)	(3,689)	(2,935)	(3,890)	(3,487)	50%	-10%
SG&A	(401)	(367)	(411)	(491)	(524)	31%	7%
Net profit	1,146	2,896	2,480	2,028	1,144	0%	-44%
Cost/Revenue from hospital operations	54%	46%	43%	55%	63%		
SG&A	9%	5%	6%	7%	9%		
Net margin	26%	36%	36%	28%	21%		
OPD	1,842	1,552	1,752	2,070	1,256	-32%	-39%
IPD	1.747	5.659	4.090	3,569	1.749	0%	-51%
SSC	725	748	968	1,448	2,518	247%	74%
Source: Company data, Macquarie Research, August 2022							

#### **Analysts**

Macquarie Securities (Thailand) Limited



**Bo Denworalak** +662 694 7774 bo.denworalak@macquarie.com

#### Important disclosures:

#### Recommendation definitions

Macquarie - Asia and USA

Outperform – expected return >10% Neutral – expected return from -10% to +10% Underperform – expected return <-10%

Macquarie - Australia/New Zealand

Outperform – expected return >10% Neutral – expected return from 0% to 10% Underperform – expected return <0%

Note: expected return is reflective of a Medium Volatility stock and should be assumed to adjust proportionately with volatility risk

#### Volatility index definition\*

This is calculated from the volatility of historical price movements.

Very high-highest risk – Stock should be expected to move up or down 60–100% in a year – investors should be aware this stock is highly speculative.

**High** – stock should be expected to move up or down at least 40–60% in a year – investors should be aware this stock could be speculative.

**Medium** – stock should be expected to move up or down at least 30–40% in a year.

**Low-medium** – stock should be expected to move up or down at least 25–30% in a year.

**Low** – stock should be expected to move up or down at least 15–25% in a year.

\* Applicable to select stocks in Asia/Australia/NZ

Recommendations – 12 months Note: Quant recommendations may differ from Fundamental Analyst recommendations

#### Financial definitions

All "Adjusted" data items have had the following adjustments made:

Added back: goodwill amortisation, provision for catastrophe reserves, IFRS derivatives & hedging, IFRS impairments & IFRS interest expense Excluded: non recurring items, asset revals, property revals, appraisal value uplift, preference dividends & minority interests

**EPS** = adjusted net profit / efpowa\*

ROA = adjusted ebit / average total assets

**ROA Banks/Insurance** = adjusted net profit /average total assets

ROE = adjusted net profit / average shareholders funds Gross cashflow = adjusted net profit + depreciation \*equivalent fully paid ordinary weighted average number of shares

All Reported numbers for Australian/NZ listed stocks are modelled under IFRS (International Financial Reporting Standards).

#### Recommendation proportions - For quarter ending 30 Jun 2022

AU/NZ	Asia	USA
62.76%	67.19%	74.19%
31.03%	21.78%	24.73%
6.21%	11.02%	1.08%
	62.76% 31.03%	62.76% 67.19% 31.03% 21.78%

(for global coverage by Macquarie, 2.75% of stocks followed are investment banking clients) (for global coverage by Macquarie, 2.15% of stocks followed are investment banking clients) (for global coverage by Macquarie, 0.00% of stocks followed are investment banking clients)

### BCH TB vs SET, & rec history



(all figures in THB currency unless noted)

Note: Recommendation timeline – if not a continuous line, then there was no Macquarie coverage at the time or there was an embargo period. Source: FactSet, Macquarie Research, August 2022

#### 12-month target price methodology

BCH TB: Bt27.50 based on a DCF methodology

#### Company-specific disclosures:

A reference to "Macquarie" is a reference to the entity within the Macquarie Group of companies (comprising Macquarie Group Limited and its worldwide affiliates and subsidiaries) that is relevant to this disclosure.

Important disclosure information regarding the subject companies covered in this report is available publicly at <a href="https://www.macquarie.com/research/disclosures">www.macquarie.com/research/disclosures</a>. Clients receiving this report can additionally access previous recommendations (from the year prior to publication of this report) issued by this report's author at <a href="https://www.macquarieinsights.com">https://www.macquarieinsights.com</a>.

Date	Stock Code (BBG code)	Recommendation	Target Price
24-Mar-2022	BCH TB	Outperform	Bt27.50
30-Nov-2021	BCH TB	Outperform	Bt25.75
27-Aug-2021	BCH TB	Neutral	Bt24.30
17-Jul-2021	BCH TB	Neutral	Bt25.30
30-Jun-2021	BCH TB	Outperform	Bt25.30
23-Jun-2021	BCH TB	Outperform	Bt23.10
20-May-2021	BCH TB	Outperform	Bt21.00
26-Apr-2021	BCH TB	Outperform	Bt20.00
13-Mar-2021	BCH TB	Underperform	Bt12.80
27-Nov-2020	BCH TB	Underperform	Bt12.30
08-Oct-2020	BCH TB	Outperform	Bt17.00
23-Jul-2020	BCH TB	Outperform	Bt16.50
18-Apr-2020	BCH TB	Outperform	Bt15.20
09-Jan-2020	BCH TB	Outperform	Bt18.00

#### Target price risk disclosures:

**BCH TB:** Any inability to compete successfully in their markets may harm the business. This could be a result of many factors which may include geographic mix and introduction of improved products or service offerings by competitors. The results of operations may be materially affected by global economic conditions generally, including conditions in financial markets. The company is exposed to market risks, such as changes in interest rates, foreign exchange rates and input prices. From time to time, the company will enter into transactions, including transactions in derivative instruments, to manage certain of these exposures.

15 August 2022 2

#### Sensitivity analysis:

Clients receiving this report can request access to a model which allows for further in-depth analysis of the assumptions used, and recommendations made, by the author relating to the subject companies covered. To request access please contact insights@macquarie.com.

#### Analyst certification:

We hereby certify that all of the views expressed in this report accurately reflect our personal views about the subject company or companies and its or their securities. We also certify that no part of our compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in this report. The Analysts responsible for preparing this report receive compensation from Macquarie that is based upon various factors including Macquarie Group Ltd total revenues, a portion of which are generated by Macquarie Group's Investment Banking activities.

#### General disclaimers:

Macquarie Securities (Australia) Ltd: Macquarie Capital (Europe) Ltd; Macquarie Capital (USA) Inc: Macquarie Capital Limited, Taiwan Securities Branch; Macquarie Capital Securities (Singapore) Pte Ltd; Macquarie Securities (NZ) Ltd; Macquarie Capital Securities (India) Pvt Ltd; Macquarie Capital Securities (Malaysia) Sdn Bhd, Macquarie Securities Korea Limited and Macquarie Securities (Thailand) Ltd are not authorized deposit-taking institutions for the purposes of the Banking Act 1959 (Commonwealth of Australia), and their obligations do not represent deposits or other liabilities of Macquarie Bank Limited ABN 46 008 583 542 (MBL) or MGL. MBL does not guarantee or otherwise provide assurance in respect of the obligations of any of the above mentioned entities. MGL provides a guarantee to the Monetary Authority of Singapore in respect of the obligations and liabilities of Macquarie Capital Securities (Singapore) Pte Ltd for up to SGD 35 million. This research has been prepared for the general use of the wholesale clients of the Macquarie Group and must not be copied, either in whole or in part, or distributed to any other person. If you are not the intended recipient you must not use or disclose the information in this research in any way. If you received it in error, please tell us immediately by return e-mail and delete the document. We do not guarantee the integrity of any e-mails or attached files and are not responsible for any changes made to them by any other person. MGL has established and implemented a conflicts policy at group level (which may be revised and updated from time to time) (the "Conflicts Policy") pursuant to regulatory requirements which sets out how we must seek to identify and manage all material conflicts of interest. Nothing in this research shall be construed as a solicitation to buy or sell any security or product, or to engage in or refrain from engaging in any transaction. In preparing this research, we did not take into account your investment objectives, financial situation or particular needs. Macquarie salespeople, traders and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions which are contrary to the opinions expressed in this research. Macquarie Research produces a variety of research products including, but not limited to, fundamental analysis, macro-economic analysis, quantitative analysis, and trade ideas. Recommendations contained in one type of research product may differ from recommendations contained in other types of research, whether as a result of differing time horizons, methodologies, or otherwise. Before making an investment decision on the basis of this research, you need to consider, with or without the assistance of an adviser, whether the advice is appropriate in light of your particular investment needs, objectives and financial circumstances. There are risks involved in securities trading. The price of securities can and does fluctuate, and an individual security may even become valueless. International investors are reminded of the additional risks inherent in international investments, such as currency fluctuations and international stock market or economic conditions, which may adversely affect the value of the investment. This research is based on information obtained from sources believed to be reliable but we do not make any representation or warranty that it is accurate, complete or up to date. We accept no obligation to correct or update the information or opinions in it. Opinions expressed are subject to change without notice. No member of the Macquarie Group accepts any liability whatsoever for any direct, indirect, consequential or other loss arising from any use of this research and/or further communication in relation to this research. Clients should contact analysts at, and execute transactions through, a Macquarie Group entity in their home jurisdiction unless governing law permits otherwise. The date and timestamp for above share price and market cap is the closed price of the price date. #CLOSE is the final price at which the security is traded in the relevant exchange on the date indicated. Members of the Macro Strategy team are Sales & Trading personnel who provide desk commentary that is not a product of the Macquarie Research department or subject to FINRA Rule 2241 or any other regulation regarding independence in the provision of equity research.

#### Country-specific disclaimers:

Australia: In Australia, research is issued and distributed by Macquarie Securities (Australia) Ltd (AFSL No. 238947), a participating organization of the Australian Securities Exchange. Macquarie Securities (Australia) Limited staff involved with the preparation of research have regular interaction with companies they cover. Additionally, Macquarie Group Limited does and seeks to do business with companies covered by Macquarie Research. There are robust information barriers in place to protect the independence of Macquarie Research's product. However, recipients of Macquarie Research should be aware of this potential conflict of interest. New Zealand: In New Zealand, research is issued and distributed by Macquarie Securities (NZ) Ltd, a NZX Firm. United Kingdom and the EEA: In the United Kingdom and the European Economic Area, research is distributed by Macquarie Capital (Europe) Ltd, which is authorised and regulated by the Financial Conduct Authority (No. 193905). Hong Kong & Mainland China: In Hong Kong, research is issued and distributed by Macquarie Capital Limited, which is licensed and regulated by the Securities and Futures Commission. In Mainland China, Macquarie Securities (Australia) Limited Shanghai Representative Office only engages in non-business operational activities excluding issuing and distributing research. Only non-A share research is distributed into Mainland China by Macquarie Capital Limited. Japan: In Japan, research is issued and distributed by Macquarie Capital Securities (Japan) Limited (Tokyo Branch), the Financial Instruments Business Operator, registered with the Financial Services Agency (Registration number: Kanto Financial Bureau (FIBO) No. 231), the member of the Tokyo Stock Exchange, Inc., Osaka Exchange, Inc. and the member of Japan Securities Dealers Association. Its Designated Dispute Resolution Institution is Financial Instruments Mediation Assistance Center ("FINMAC"). India: In India, research is issued and distributed by Macquarie Capital Securities (India) Pvt. Ltd. (CIN: U65920MH1995PTC090696), 92, Level 9, 2 North Avenue, Maker Maxity, Bandra Kurla Complex, Bandra (East), Mumbai - 400 051, India, which is a SEBI registered Research Analyst having registration no. INH000000545. During the past 12 months, Macquarie Group Limited or one of its affiliates may have provided securities services to companies mentioned in this report for which it received compensation for Broking services. Indonesia: In Indonesia, research is issued and distributed by PT Macquarie Sekuritas Indonesia, a licensed securities company and regulated by Financial Services Authority (Otoritas Jasa Keuangan) and is a member of the Indonesia Stock Exchange. The securities discussed in this report may not be suitable for all investors. Malaysia: In Malaysia, research is issued and distributed by Macquarie Capital Securities (Malaysia) Sdn. Bhd. (Company registration number: 199801007342 (463469-W)) which is a Participating Organisation of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission. Macquarie may be an Issuer of Structured Warrants on securities mentioned in this report. Taiwan: In Taiwan, research is issued and distributed by Macquarie Capital Limited, Taiwan Securities Branch, which is licensed and regulated by the Financial Supervisory Commission. No portion of the report may be reproduced or quoted by the press or any other person without authorisation from Macquarie. Nothing in this research shall be construed as a solicitation to buy or sell any security or product. The recipient of this report shall not engage in any activities which may give rise to potential conflicts of interest to the report. Research Associate(s) in this report who are registered as Clerks only assist in the preparation of research and are not engaged in writing the research. Macquarie may be in past one year or now being an Issuer of Structured Warrants on securities mentioned in this report. Thailand: In Thailand, research is produced, issued and distributed by Macquarie Securities (Thailand) Ltd. Macquarie Securities (Thailand) Ltd. is a licensed securities company that is authorized by the Ministry of Finance, regulated by the Securities and Exchange Commission of Thailand and is an exchange member of the Stock Exchange of Thailand. The Thai Institute of Directors Association has disclosed the Corporate Governance Report of Thai Listed Companies made pursuant to the policy of the Securities and Exchange Commission of Thailand. Macquarie Securities (Thailand) Ltd does not endorse the result of the Corporate Governance Report of Thai Listed Companies but this Report can be accessed at: <a href="http://www.thai-iod.com/en/publications.asp?type=4">http://www.thai-iod.com/en/publications.asp?type=4</a>. Macquarie Securities (Thailand) Limited may be an issuer of derivative warrants on the securities mentioned in this report. South Korea: In South Korea, unless otherwise stated, research is prepared, issued and distributed by Macquarie Securities Korea Limited, which is regulated by the Financial Supervisory Services. Information on analysts in MSKL is disclosed at http://dis.kofia.or.kr/websquare/index.jsp?w2xPath=/wq/fundMgr/DISFundMgrAnalystStut.xml&divisionId= MDIS03002001000000&serviceId=SDIS03002001000. Singapore: In Singapore, research is issued and distributed by Macquarie Capital Securities

(Singapore) Pte Ltd (Company Registration Number: 198702912C), a Capital Markets Services license holder under the Securities and Futures Act to deal in securities and provide custodial services in Singapore. Pursuant to the Financial Advisers (Amendment) Regulations 2005, Macquarie Capital Securities (Singapore) Pte Ltd is exempt from complying with sections 34, 36 and 45 of the Financial Advisers Act. All Singapore-based recipients of research produced by Macquarie Capital (USA) Inc. represent and warrant that they are institutional investors as defined in the Securities and Futures Act. Singapore recipients should contact Macquarie Capital Securities (Singapore) Pte Ltd at +65 6601 0888 for matters arising from, or in connection with, this report. **United States**: In the United States, research is issued and distributed by Macquarie Capital (USA) Inc., which is a registered broker-

15 August 2022 3

dealer and member of FINRA. Macquarie Capital (USA) Inc, accepts responsibility for the content of each research report prepared by one of its non-US affiliates when the research report is distributed in the United States by Macquarie Capital (USA) Inc. Macquarie Capital (USA) Inc.'s affiliate's analysts are not registered as research analysts with FINRA, may not be associated persons of Macquarie Capital (USA) Inc., and therefore may not be subject to FINRA rule restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account. Information regarding futures is provided for reference purposes only and is not a solicitation for purchases or sales of futures. Any persons receiving this report directly from Macquarie Capital (USA) Inc. and wishing to effect a transaction in any security described herein should do so with Macquarie Capital (USA) Inc. Important disclosure information regarding the subject companies covered in this report is available at <a href="https://www.macquarie.com/research/disclosures">www.macquarie.com/research/disclosures</a>, or contact your registered representative at 1-888-MAC-STOCK, or write to the Supervisory Analysts, Research Department, Macquarie Capital (USA) Inc, 125 W.55th Street, New York, NY 10019. Canada: In Canada, research is distributed by Macquarie Capital Markets Canada Ltd., a (i) member of the Investment Industry Regulatory Organization of Canada (IIROC) and the Canadian Investor Protection Fund, and (ii) participating organisation of the Toronto Stock Exchange, TSX Venture Exchange & Montréal Exchange. Important disclosure information regarding the subject companies covered in this report is available at <a href="https://www.macquarie.com/research/disclosures">www.macquarie.com/research/disclosures</a>. IIROC Rule 3400 Disclosures can be obtained by writing to Macquarie Capital Markets Canada Ltd., 181 Bay St. Suite 3100, Toronto, ON M5J2T3.

15 August 2022 4



#### **Equities**

# Asia Research

#### **Head of Equity Research**

Jake Lynch (Asia)	(852) 3922 3583
Damian Thong (Japan)	(813) 3512 7877
Jayden Vantarakis (ASEAN)	(65) 6601 0916

#### Strategy, Country

Viktor Shvets (Asia, Global) (1 212) 231 2583 Eugene Hsiao (China) (852) 3922 5743 (813) 3512 7850 Neil Newman (Japan) Daniel Kim (Korea) (822) 3705 8641 Jeffrey Ohlweiler (Taiwan) (8862) 2734 7512 Javden Vantarakis (ASEAN) (65) 6601 0916 (6221) 2598 8366 Ari Jahja (Indonesia) Ben Shane Lim (Malaysia) (603) 2059 8868 Gilbert Lopez (Philippines) (632) 857 0892 Aditya Suresh (India) (852) 3922 1265 (65) 6601 0509 Charles Yonts (Asia ESG) John Conomos (APAC Quant) (61) 412 621 678 Sung Kim (Asia Quant) (852) 3922 1030 (852) 3922 4283 Felix Rusli (Asia Product)

#### **Digital Transformation**

Damian Thong (Asia) (813) 3512 7877 Esme Pau (Greater China) (852) 3922 5744 Ellie Jiang (Greater China) (852) 3922 4110 Dexter Hsu (Greater China) (8862) 2734 7530 Hiroshi Yamashina (Japan) (813) 3512 5968 (813) 3512 5950 Yiiia Zhai (Japan) Danny Lee (Korea) (822) 3705 8690 Jaeseo Lee (Korea) (822) 3705 8659 Ravi Menon (India) (9122) 67204152 Zhiwei Foo (Singapore) (65) 6601 0465

#### **Energy Transition**

Albert Miao (HK/China)	(852) 3922 5835
Sonny Lee (Korea)	(822) 3705 8631
Yasuhiro Nakada (Japan)	(813) 3512 7862
Kaushal Ladha (ASEAN)	(662) 694 7729
Max Koh (Malaysia)	(603) 2059 8814
Aditya Suresh (India)	(852) 3922 1265
Deepak Viswanath Krishnan (India)	(9122) 6720 4153
Dony Setiady (Indonesia)	(6221) 2598 8368
Mark Wiseman (Australia)	(612) 8232 8417

#### Lifestyle

(852) 3922 4068 Linda Huang (Asia) Terence Chang (Greater China) (852) 3922 3581 (852) 3922 3768 Sunny Chow (Greater China) Shentao Tang (Japan) (813) 3512 7851 Akshay Sugandi (Indonesia) (6221) 25988369 Huan Wen Gan (Malaysia) (603) 2059 8970 Karisa Magpayo (Philippines) (632) 857 0899 Bo Denworalak (Thailand) (662) 694 7774 Avi Mehta (India) (9122) 6720 4031

#### **Technology**

Nicolas Baratte (Asia) (852) 3922 5801 Damian Thong (Asia) (813) 3512 7877 Jeffrey Ohlweiler (Greater China) (8862) 2734 7512 Cherry Ma (Greater China) (852) 3922 5800 Erica Chen (Greater China) (8621) 2412 9024 Kaylin Tsai (Greater China) (8862) 2734 7523 Shinji Tanioka (Japan) (813) 3512 7864 Hiroshi Taguchi (Japan) (813) 3512 7867 Yasuhiro Nakada (Japan) (813) 3512 7862 Daniel Kim (Korea) (822) 3705 8641 Izzati Hakim (Malaysia) (603) 2059 8859

#### **Automation & Mobility**

James Hong (Asia)	(822) 3705 8661
Daisy Zhang (Greater China)	(8621) 2412 9086
Erica Chen (Greater China)	(8621) 2412 9024
Wendy Pan (Japan)	(813) 3512 7875
Ashish Jain (India)	(9122) 6720 4063
Danial Razak (Malaysia)	(603) 2059 8896

#### Health

Tony Ren (HK, China, Japan)	(852) 3922 5830
, , , , , , , , , , , , , , , , , , , ,	` '
Whitney Ching (Japan)	(813) 3512 7859
Jun Choi (Korea)	(822) 3705 8689
Ari Jahja (ASEAN)	(6221) 2598 8366
Kunal Dhamesha (India)	(9122) 6720 4162

#### **Commanding Heights**

Jayden Vantarakis (ASEAN)	(65) 6601 0916
Gisele Ong (Singapore)	(65) 6601 0219
Ben Shane Lim (Malaysia)	(603) 2059 8868
Gilbert Lopez (Philippines)	(632) 857 0892
Suresh Ganapathy (India)	(9122) 6720 4078
Param Subramanian (India)	(9170) 4302 1305
Chattra Chaipunviriyaporn (Thailand)	(662) 694 7993

#### Find our research at

Macquarie: www.macquarieinsights.com
Refinitiv: www.refinitiv.com
Bloomberg: RESP MAC GO
Factset: http://www.factset.com/home.aspx

CapitallQ www.capitaliq.com
Contact macresearch@macquarie.com for access

requests.

#### Email addresses

FirstName.Surname@macquarie.com

# **Asia Sales**

#### Regional Heads of Sales

Christina Lee (Head of Asian Sales) (852) 3922 5854 Alan Chen (HK/China) (852) 3922 2019 (65) 6601 0211 Amelia Mehta (Singapore) Paul Colaco (US) (1 415) 762 5003 Mothlib Miah (UK/Europe) (44 20) 3037 4893 Anjali Sinha (India) (9122) 6653 3229 Janeman Latul (Indonesia) (6221) 2598 8303 (41 22) 818 7712 Thomas Renz (Geneva) Leslie Hoy (Japan) (813) 3512 7919

#### Regional Heads of Sales cont'd

Andrew Hill (Japan) (813) 3512 7924
DJ Kwak (Korea) (822) 3705 8608
Nik Hadi (Malaysia) (603) 2059 8888
Gino C Rojas (Philippines) (632) 857 0861
Richard Liu (Taiwan) (8862) 2734 7590
Angus Kent (Thailand) (662) 694 7601

#### **Sales Trading**

Mark Weekes (Asia) (852) 3922 2084 Sacha Beharie (HK/China) (852) 3922 2111 Susan Lin (Taiwan) (8862) 2734 7583 (813) 3512 7822 Edward Jones (Japan) Douglas Ahn (Korea) (822) 3705 9990 (6221) 515 1555 Stanley Dunda (Indonesia) (603) 2059 8888 Suhaida Samsudin (Malaysia) Michael Santos (Philippines) (632) 857 0813 Justin Morrison (Singapore) (65) 6601 0288 Brendan Rake (Thailand) (662) 694 7707 Alex Johnson (India) (9122) 6720 4022 (1 212) 231 2555 Mike Gray (New York) Mike Keen (UK/Europe) (44 20) 3037 4905