





# Singapore

Company Note

# ADD (no change)

Sell 0 Buy 16 Hold 2 Consensus ratings\*: Current price: S\$2.69 S\$3.30 Target price: Previous target: S\$3.30 22.7% Up/downside: CGS-CIMB / Consensus: 6.3% Reuters: STEL.SI ST SP Bloombera: US\$32.113m Market cap: S\$44,407m US\$59.95m Average daily turnover: S\$82.01m Current shares o/s: 15,934m Free float: 49.7% \*Source: Bloomberg

#### Key changes in this note

No changes.



		Source: B	loomberg
Price performance	1M	ЗМ	12M
Absolute (%)	4.3	5.5	11.6
Relative (%)	7.8	12.5	8.8

Major shareholders	% held
Temasek Hldgs	50.3

# SingTel

# 2H22F: Bharti's turnaround to lift earnings

- 2HFY3/22F core net profit may have risen 8-9% yoy to S\$970m-980m (steady hoh). Based on this, we expect Singtel to meet our FY22 estimates.
- We see a turnaround in share of Bharti's earnings based on reported results.
- Reiterate Add and TP of S\$3.30. Singtel is our top Singapore telco pick.

# 2HFY3/22F core net profit likely rose 8-9% yoy & met our forecast

Singtel will release its 2HFY3/22 results on 27 May. Based on its associates' reported results and our estimates for its Singapore and Optus operations, we believe Singtel's 2HFY22F core net profit came in at S\$970m-980m, up 8-9% yoy (steady hoh). This is mainly due to Bharti's earnings turnaround, and to a smaller extent, higher earnings from Singapore and Optus. Based on Singtel's earlier announcements, its reported 2HFY22 results may be boosted by gains on sale of its 70% stake in Australia Tower Network (S\$538m) and 1.6% stake in Airtel Africa (S\$34m). FY22F core net profit may have risen 12-13% yoy to S\$1.95bn-1.96bn, meeting our forecast. We expect Singtel to declare a 2HFY22 DPS of 4.4 Scts, bringing full-year DPS to 8.9 Scts (75% payout).

# Singapore's & Optus's earnings may be better yoy & hoh

We forecast Singapore's 2HFY22F core net profit rose 1-5% yoy (up 2-6% hoh) to S\$250m-260m, or up 7-11% yoy ex-Job Support Scheme credits. This would be led by i) higher consumer service revenue, plus ii) lower depreciation and net finance cost. Meanwhile, we see Optus's earnings contribution jumping 45-61% yoy (up 25-39% hoh) to S\$45m-50m. This would be due to higher mobile revenue, as well as lower marketing and cost of sales, owing to the take-up of its higher-margin Optus Choice postpaid plans and more rational competition. These should more than offset a) lower NBN migration fees, and b) higher depreciation, amortisation and net finance cost, in our view.

# Bharti's turnaround to lift associates' earnings contribution

We estimate 2HFY22F associate contribution (in S\$ terms) to be up 16-18% yoy (up 2-3% hoh), based on reported results. The main driver is a turnaround in its share of Bharti's profits to S\$145m-155m (2HFY21: -S\$9m), on continued growth in mobile subs. average revenue per user (ARPU) and EBITDA margin, following tariff hikes in Jul and Nov 21. Notably, a 130% gog spike in Bharti's 4QFY22 earnings bodes well for Singtel's FY23F. Meanwhile, share of Telkomsel earnings may fall 4-7% yoy to S\$320m-330m due to lingering effects from an earlier price war, declining legacy revenue and higher tower lease cost (after transfer of 14k towers to Mitratel). However, we see earnings improving as competition has further eased, with various players optimising tariffs in Mar-Apr.

# Reiterate Add and SOP-based TP of S\$3.30

We keep our earnings forecasts, pending the release of Singtel's results. Potential rerating catalysts: FY22-23F core EPS recovery, further asset monetisation, and expansion into higher-growth business areas. Its current share price implies an FY22F EV/EBITDA of just 3.7x for Singtel Singapore and Optus. Downside risk: price wars.

### Analyst(s)



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Financial Summary	Mar-20A	Mar-21A	Mar-22F	Mar-23F	Mar-24F
Revenue (S\$m)	16,542	15,644	15,260	15,206	15,484
Operating EBITDA (S\$m)	4,541	3,832	3,864	3,860	4,020
Operating EBITDA Margin	27.5%	24.5%	25.3%	25.4%	26.0%
Net Profit (S\$m)	1,075	554	1,955	2,540	2,979
Core EPS (S\$)	0.15	0.11	0.12	0.16	0.18
Core EPS Growth	(13.1%)	(29.7%)	12.8%	30.0%	17.3%
FD Core P/E (x)	17.88	25.43	22.55	17.35	14.79
DPS (S\$)	0.12	0.08	0.09	0.12	0.14
Dividend Yield	4.55%	2.79%	3.33%	4.32%	5.07%
EV/EBITDA (x)	9.56	11.25	11.01	10.85	10.54
P/FCFE (x)	13.19	39.99	12.43	27.68	49.26
Net Gearing	40.9%	37.3%	26.6%	27.0%	32.5%
ROE	8.7%	6.5%	7.3%	9.2%	10.4%
CGS-CIMB/Consensus EPS (x)			0.89	0.95	0.96
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# 2H22F: Bharti's turnaround to lift earnings

FYE 31 Mar	Stake -	1	Net profit (S	\$m)	vov growth (9/)	hab growth (9/)	FY22F	CGS-CIMB's	FY22F as % of
FTE 31 Mar	Stake -	2HFY21	1HFY22	2HFY22F	yoy growth (%)	hoh growth (%)	FTZZF	FY22F	CGS-CIMB's
Telkomsel*	35%	345	365	320-330	-4% to -7%	-10% to -12%	685-695	714	96-97%
Bharti	32%	-9	49	145-155	nm	+196% to +216%	194-204	277	70-74%
AIS	23%	142	131	120-130	-8% to -15%	-1% to -8%	251-261	240	105-109%
Globe	47%	113	136	95-100	-12% to -16%	-26% to -30%	231-236	280	83-84%
InTouch	21%	38	40	35-40	-8% to +5%	-0% to -13%	75-80	61	123-131%
Other associates		29	32	35-40	+21% to +38%	+9% to +25%	67-72	73	92-99%
Total associates' PAT		658	753	765-775	+16% to +18%	+2% to +3%	1,518-1,528	1,646	92-93%
Singapore	100%	248	245	250-260	+1% to +5%	+2% to +6%	495-505	513	96-98%
Optus	100%	31	36	45-50	+45% to +61%	+25% to +39%	81-86	66	123-130%
Corporate cost		-41	-51	(95-105)	+132% to +156%	+86% to +106%	(145-156)	-270	54-58%
Core net profit**		897	983	970-980	+8% to +9%	-0% to -1%	1,953-1,963	1,955	99-100%

Note: \*local curr bn for Telkomsel; \*\*includes Job Support Scheme credits SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, BLOOMBERG

Currency/S\$	2HFY21	1HFY22	2HFY22F	yoy change	hoh change
A\$*	1.01	1.01	0.98	-2.3%	-2.8%
IDR	10,642	10,728	10,557	0.8%	1.6%
INR	54.8	55.1	55.4	-1.2%	-0.5%
THB	22.7	23.8	24.5	-7.3%	-2.7%
PHP	36.1	36.5	37.6	-4.2%	-3.0%

FYE 31 March (S\$ m)	FY22F	FY23F	FY24F	FY25F	FY26F	FY27F	FY28F	FY29F	FY30F	FY31F
EBIT (1-T)	820	821	933	978	1,021	1,084	1,152	1,224	1,300	1,379
Depreciation	2,257	2,214	2,209	2,196	2,185	2,177	2,170	2,165	2,161	2,157
Capex	-477	-2,816	-3,769	-2,144	-2,144	-2,144	-2,144	-2,144	-2,144	-2,144
Annual FCFF	2,600	219	-627	1,030	1,062	1,117	1,178	1,245	1,317	1,392
Terminal value										23,220
Present value of cash flow	2,429	191	-511	784	756	742	731	722	713	12,446
Total NPV (Singapore & Optus)	19,002									
Net cash/(debt) at end-FY21	-12,365									
Regional investments	47,174									
Value of Equity	53,811									
No of shares (m)	16,382									
Value of Equity per share (S\$)	3.30									

Associates	% of RNAV	Stake	Value	Value/share	Valuation Methodology	
Associates	% OF KINAV	(%)	(S\$ m)	(S\$)	valuation Methodology	
Advanced Info (ADVANC TB)	12.9%	23.3	6,986	0.43	Based on CGS-CIMB TP	
ntouch (INTUCH TB)	3.7%	21.1	2,016	0.12	Based on consensus TP	
Globe Telecom (GLO PM)	9.3%	47.0	5,020	0.31	Based on consensus TP	
Bharti (BHARTI IN)	40.2%	31.7	21,715	1.33	20% discount to consensus TP	
Telkomsel	18.4%	35.0	9,926	0.61	Based on DCF	
Singapore Post (SPOST SP)	0.8%	21.7	439	0.03	Based on CGS-CIMB TP	
Netlink Trust (NETLINK SP)	2.0%	25.0	1,072	0.07	Based on consensus TP	
Total NAV			47,174	2.88		



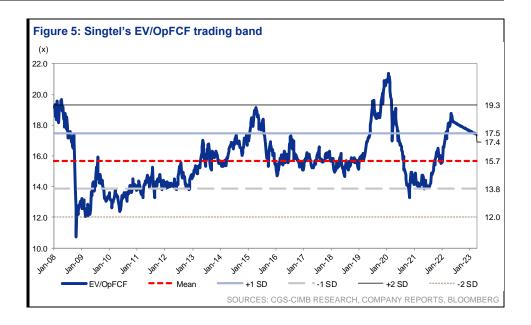


Figure 6: Singtel's current share price implies an FY22F EV/EBITDA of just 3.7x for Singtel Singapore and Optus, based on our estimates

Associates	Singtel's stake	Value	Value/Singtel share
Associates	(%)	(S\$ m)	(S\$)
Advanced Info (ADVANC TB)	23.3	6,029	0.37
Intouch (INTUCH TB)	21.1	1,967	0.12
Globe Telecom (GLO PM)	47.0	4,151	0.25
Bharti (BHARTI IN)	31.7	20,944	1.28
Telkomsel	35.0	9,962	0.61
Singapore Post (SPOST SP)	21.7	332	0.02
Netlink Trust (NETLINK SP)	25.0	974	0.06
Value of associates (based on market prices	s)*	44,359	2.71
Singtel's market cap*		44,067	2.69
Residual equity value (Singtel Singapore +	Optus)	-293	-0.02
Net Cash/(Debt) at end-FY21		-14,570	-0.89
Implied EV (Singtel Singapore + Optus)		14,277	0.87
FY22F Operating EBITDA		3,864	
Implied FY22F EV/EBITDA (Singtel Singapor	re + Optus) (x)	3.7	

\*All associates' values are based on current market values, except for Telkomsel's value, which is based on our estimated DCF-based equity value; share prices as of 19 May 2022 SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, BLOOMBERG



Figure 7	7: ASEAN t	elco se	ctor compariso	n											
Company	Bloomberg	Recom.	Current share	Target price	Market cap	Core I	P/E (x)	EV/EBI	TDA (x)	EV/Opl	FCF (x)	3-year	CAGR (%)	Dvd Yi	eld (%)
Company	Ticker	Recoill.	price (local curr.)	(local curr.)	(US\$ m)	2022F	2023F	2022F	2023F	2022F	2023F	EPS	EBITDA	2022F	2023F
Maxis	MAXIS MK	HOLD	3.58	3.90	6,361	22.3	18.7	9.1	8.7	13.3	12.2	7.9	4.0	5.6	5.6
TM	TMK	ADD	4.84	7.50	4,147	15.3	10.8	4.9	4.6	7.9	7.5	14.2	3.2	3.9	5.5
MY telcos	average (ex	c-outliers	)			20.5	17.6	7.2	6.8	11.4	10.5	10.8	3.6	4.5	5.2
SingTel	ST SP	ADD	2.69	3.30	32,113	17.3	14.8	7.6	13.6	17.9	16.9	21.4	2.1	4.3	5.1
Starhub	STH SP	HOLD	1.23	1.40	1,540	26.8	21.7	7.8	6.6	20.5	11.9	(9.9)	1.6	4.1	4.1
SG telcos	average (ex	c-outliers	)			22.1	18.2	7.7	10.1	19.2	14.4	5.8	1.8	4.2	4.6
TLKM	TLKM IJ	ADD	4,210	5,000	28,334	15.1	14.0	6.9	6.5	11.5	10.7	10.6	4.6	4.7	5.3
XL Axiata	EXCL IJ	ADD	2,660	3,650	1,938	19.1	13.9	4.4	4.0	10.8	9.1	36.5	7.3	3.1	5.0
Indosat	ISAT IJ	HOLD	5,550	7,100	3,040	87.5	28.0	4.9	4.5	nm	72.6	44.1	19.9	0.6	1.8
Link Net	LINK IJ	ADD	4,420	5,200	860	13.3	12.1	5.0	4.4	13.7	13.1	5.8	8.6	2.3	4.1
Indo telco	os average (e	ex-outlie	rs)			15.8	17.0	5.3	4.9	12.0	11.0	24.2	10.1	2.7	4.1
AIS	ADVANC TB	ADD	217.00	254.00	18,712	23.8	23.3	7.5	7.1	11.0	10.1	3.8	3.5	3.8	3.9
DTAC	DTAC TB	ADD	43.50	53.60	2,987	36.5	52.5	5.4	5.6	11.0	12.0	(24.2)	2.0	3.4	3.1
True	TRUE TB	HOLD	4.44	5.24	4,296	nm	nm	6.6	6.7	12.8	11.5	28.1	3.1	1.6	1.6
Jasmine	JASIF TB	REDUCE	11.00	10.00	2,552	9.9	9.7	10.0	9.7	10.0	9.7	1.9	1.3	8.5	8.6
DIF	DIF TB	ADD	14.00	17.20	4,316	12.0	11.9	12.1	11.9	12.1	11.9	0.2	0.2	7.5	7.5
Intouch	INTUCH TB	HOLD	72.50	73.00	6,741	21.5	21.3	21.6	21.4	21.7	21.5	2.0	1.9	4.1	4.2
Thai telco	os average (e	ex-outlie	rs)			20.7	23.7	10.6	10.4	13.1	12.8	1.9	2.0	4.8	4.8
ASEAN Te	elcos averag	e (ex-out	tliers)			19.8	19.0	8.0	8.1	13.2	15.8	8.0	4.4	4.1	4.7

Note: Share prices as of 19 May 2022. Operating FCF is calculated as EBITDA minus average 3-year forward capex SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, BLOOMBERG





## Refinitiv ESG Scores

# A-ESG Score











# ESG in a nutshell

Singtel is our top-ranked ASEAN telco for sustainability, thanks to its: i) robust cybersecurity system and prime position to capture the strong demand for cybersecurity services in Singapore & Asia-Pacific, ii) superior network quality of service & reliability, iii) industry-leading efforts in staff training/development and a positive workplace environment, iv) more ambitious and concrete targets/roadmap towards net zero carbon emissions by 2050, as well as v) leadership in driving financial inclusion and positioning itself for future opportunities in digital financial services.

# Keep your eye on

In the past four years, Singtel has had several data breaches, including: i) Accellion's (a third-party vendor) file sharing system, FTA, where Personally Identifiable Information of c.129k customers, credit card details of 45 staff of a corporate customer, and information from 23 enterprises were exfiltrated in Jan 2021, and ii) unauthorised disclosure of up to 330k mobile subs' billing information on the My Singtel app in 2017-18. While data protection is a major risk factor, it is also a major business opportunity. Singlel's cybersecurity revenue has grown from S\$86m in FY3/15 to S\$564m in FY3/21 (8% of its Singapore service revenue). Separately, we believe GXS Bank (Grab-Singtel's 60:40 digital bank joint venture) will likely start its Singapore operations in CY22F. At end-Apr. a consortium led by GXS Bank and Kuok Brothers have also secured a digital banking licence in Malaysia, with operations to begin after a 12-24-month period of operational readiness.

### **Implications**

We have not factored in the risk of further data breaches into our forecasts for Singtel at this juncture, as it is difficult to predict, with any degree of certainty, the timeline or potential magnitude of the impact. It has also implemented more stringent measures to manage data protection risks and has been reasonably successful in responding to breaches. In terms of business opportunities, we project Singtel's cybersecurity revenue to post a robust CAGR of 4% over FY3/21-24F, thus being one of the key growth drivers for its Enterprise and total revenue. Meanwhile, we have not included the value accretion from the digital bank business into our SOP valuation as investors may only start to recognise its value in CY24-25F, when operating indicators are possibly disclosed, in our view.

# **ESG** highlights

Despite its good ESG performance, we think there is room for Singtel to improve on the gender diversity of its board of directors, of which females made up only 25% as at end-FY21.

# **Implications**

Nonetheless, we believe Singtel's overall ESG achievements/initiatives are superior to its regional peers. On an absolute basis, we do not expect its good ESG performance to have a material positive impact on revenue or earnings, as the latter is more likely to be affected by issues such as competition, mergers & acquisitions and regulatory developments, in our view. However, its alreadygood rankings and potential further improvements in ESG disclosures/performance in the medium-to-longer term could be upside risks and help it garner more interest from ESG-focused investors.

## **Trends**

Singtel's carbon emissions rose 3.0% yoy in FY21 and was 4.9% higher vs. FY15. Singtel is not a major carbon emitter and energy cost constitutes less than 5% of its total opex. Nonetheless, we believe the environmental pillar may gain importance in the future amid i) Singtel's growing data centre business and ii) the Singapore government's staggered hike in the carbon tax from the current \$\$5/tCO<sub>2</sub>e for 2019-23 to \$\$25 in 2024-25, \$\$45 in 2026-27, with a view to reaching \$\$50-80 by 2030 (as per its FY3/22 Budget announcement in Feb 2022).

# **Implications**

A bigger and faster increase in the carbon tax (indirectly raising energy cost) or harsher penalties (fines)/regulations (e.g. ban on new data centres) could impact Singtel's earnings. However, we have not incorporated this risk into our forecasts/valuation as its carbon emissions are relatively low vs. other high-emitting companies/sectors and measures are being undertaken to reduce them. For instance, Singtel has embarked on initiatives (e.g. solar power systems for data centres) to limit increases in its emissions and taken green loans to align its operations with its sustainable growth goals.

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, REFINITIVE



# BY THE NUMBERS



(S\$m)	Mar-20A	Mar-21A	Mar-22F	Mar-23F	Mar-24F
Total Net Revenues	16,542	15,644	15,260	15,206	15,484
Gross Profit	4,541	3,832	3,864	3,860	4,020
Operating EBITDA	4,541	3,832	3,864	3,860	4,020
Depreciation And Amortisation	-2,580	-2,685	-2,702	-2,675	-2,688
Operating EBIT	1,961	1,147	1,163	1,185	1,332
Financial Income/(Expense)	-282	-395	-346	-425	-482
Pretax Income/(Loss) from Assoc.	1,743	1,798	2,327	3,132	3,725
Non-Operating Income/(Expense)	0	0	0	0	C
Profit Before Tax (pre-EI)	3,422	2,550	3,144	3,892	4,575
Exceptional Items	-1,382	-1,179	0	0	C
Pre-tax Profit	2,040	1,371	3,144	3,892	4,575
Taxation	-988	-811	-1,178	-1,340	-1,583
Exceptional Income - post-tax					
Profit After Tax	1,052	560	1,967	2,552	2,991
Minority Interests	22	-6	-12	-12	-12
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Net Profit	1,075	554	1,955	2,540	2,979
Recurring Net Profit	2,457	1,733	1,955	2,540	2,979
Fully Diluted Recurring Net Profit	2,457	1,733	1,955	2,540	2,979

Cash Flow					
(S\$m)	Mar-20A	Mar-21A	Mar-22F	Mar-23F	Mar-24F
EBITDA	4,541	3,832	3,864	3,860	4,020
Cash Flow from Invt. & Assoc.	1,439	1,434	1,892	1,282	1,365
Change In Working Capital	364	584	0	0	0
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	-0	0	0	0	0
Net Interest (Paid)/Received	-319	-222	-443	-467	-524
Tax Paid	-492	-164	-492	-366	-398
Cashflow From Operations	5,533	5,463	4,821	4,308	4,463
Capex	-2,037	-2,214	-2,285	-2,240	-2,144
Disposals Of FAs/subsidiaries	146	31	0	0	0
Acq. Of Subsidiaries/investments	-759	-262	1,873	-200	-204
Other Investing Cashflow	-278	-224	-65	-376	-1,421
Cash Flow From Investing	-2,928	-2,668	-477	-2,816	-3,769
Debt Raised/(repaid)	726	-1,693	-800	100	200
Proceeds From Issue Of Shares	0	0	0	0	0
Shares Repurchased					
Dividends Paid	-2,857	-1,273	-1,229	-1,450	-2,069
Preferred Dividends					
Other Financing Cashflow					
Cash Flow From Financing	-2,131	-2,966	-2,029	-1,350	-1,869
Total Cash Generated	474	-171	2,316	143	-1,174
Free Cashflow To Equity	3,331	1,102	3,544	1,592	895
Free Cashflow To Firm	2,931	3,019	4,791	1,963	1,224

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS



# BY THE NUMBERS... cont'd

Balance Sheet					
(S\$m)	Mar-20A	Mar-21A	Mar-22F	Mar-23F	Mar-24F
Total Cash And Equivalents	1,000	755	2,628	2,312	661
Total Debtors	5,559	5,444	5,289	5,406	5,485
Inventories	280	272	261	269	266
Total Other Current Assets	337	62	62	62	62
Total Current Assets	7,176	6,532	8,240	8,049	6,474
Fixed Assets	10,364	11,534	11,117	10,683	10,138
Total Investments	14,227	13,735	11,612	12,688	14,066
Intangible Assets	13,736	13,129	13,914	14,609	15,340
Total Other Non-Current Assets	3,453	3,068	3,513	3,513	3,513
Total Non-current Assets	41,779	41,466	40,155	41,493	43,057
Short-term Debt	3,588	1,612	1,612	1,612	1,612
Current Portion of Long-Term Debt					
Total Creditors	6,374	6,785	5,927	6,727	6,056
Other Current Liabilities	617	740	740	740	740
Total Current Liabilities	10,579	9,137	8,279	9,079	8,408
Total Long-term Debt	8,384	9,042	8,242	8,342	8,542
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	2,653	2,809	4,163	3,319	2,869
Total Non-current Liabilities	11,037	11,851	12,406	11,662	11,411
Total Provisions	526	499	499	499	499
Total Liabilities	22,141	21,487	21,184	21,240	20,318
Shareholders' Equity	26,789	26,486	27,212	28,302	29,212
Minority Interests	25	26	0	0	0
Total Equity	26,814	26,511	27,212	28,302	29,212

Key Ratios					
	Mar-20A	Mar-21A	Mar-22F	Mar-23F	Mar-24F
Revenue Growth	(4.77%)	(5.43%)	(2.45%)	(0.35%)	1.82%
Operating EBITDA Growth	(3.2%)	(15.6%)	0.8%	(0.1%)	4.2%
Operating EBITDA Margin	27.5%	24.5%	25.3%	25.4%	26.0%
Net Cash Per Share (S\$)	-0.67	-0.60	-0.44	-0.47	-0.58
BVPS (S\$)	1.64	1.62	1.66	1.73	1.78
Gross Interest Cover	4.25	2.88	2.79	2.69	2.67
Effective Tax Rate	48.4%	59.2%	37.5%	34.4%	34.6%
Net Dividend Payout Ratio	35.6%	22.7%	75.0%	75.0%	75.0%
Accounts Receivables Days	127.8	128.4	128.4	128.4	128.7
Inventory Days	10.63	8.52	8.53	8.53	8.55
Accounts Payables Days	198.3	203.3	203.6	203.5	204.1
ROIC (%)	(5.72%)	7.20%	1.78%	2.23%	2.62%
ROCE (%)	4.90%	2.99%	3.10%	3.12%	3.40%
Return On Average Assets	4.54%	4.96%	4.37%	5.66%	6.56%

Key Drivers					
	Mar-20A	Mar-21A	Mar-22F	Mar-23F	Mar-24F
Singapore total mobile subs ('000)	4,282.0	4,128.0	4,140.0	4,222.0	4,308.0
Optus total mobile subs ('000)	10,448.0	9,973.8	8,852.8	9,042.8	9,232.8
Singapore blended mobile ARPU (S\$/mth/sub)	30.0	23.0	23.7	25.3	27.8
Optus blended mobile ARPU (A\$/mth/sub)	29.0	28.7	32.8	35.5	35.5

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS





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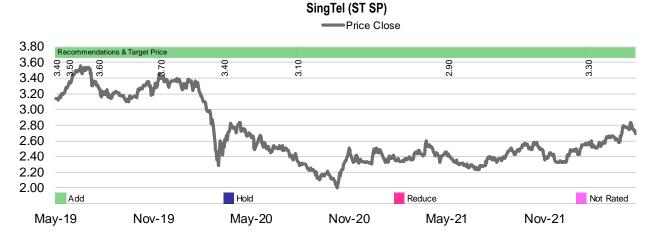
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Distribution of stock ratings and investment banking clients for quarter ended on 31 March 2022				
632 companies under coverage for quarter ended on 31 March 2022				
	Rating Distribution (%)	Investment Banking clients (%)		
Add	70.3%	0.8%		
Hold	22.0%	0.0%		
Reduce	7.8%	0.2%		



### Spitzer Chart for stock being researched (2 year data)



Corporate Governance Report of Thai Listed Companies (CGR). CG Rating by the Thai Institute of Directors Association (Thai IOD) in 2021, Anti-Corruption 2021

ADVANC - Excellent, Certified, AMATA - Excellent, Certified, ANAN - Excellent, n/a, AOT - Excellent, n/a, AP - Excellent, Certified, ASP -Excellent, n/a, AWC - Excellent, Declared, AU - Good, n/a, BAM - Very Good, Certified, BAY - Excellent, Certified, BBL - Excellent, Certified, BCH - Very Good, Certified, BCP - Excellent, Certified, BCPG - Excellent, Certified, BDMS - Excellent, n/a, BEAUTY - Good, n/a, BEM -Excellent, n/a BH - Good, n/a, BJC - Very Good, n/a, BLA - Very Good, Certified, BTS - Excellent, Certified, CBG - Very Good, n/a, CCET - n/a, n/a, CENTEL - Excellent, Certified, CHAYO - Very Good, n/a, CHG - Very Good, n/a, CK - Excellent, n/a, COM7 - Excellent, Certified, CPALL -Excellent, Certified, CPF - Excellent, Certified, CPN - Excellent, Certified, CPNREIT - n/a, n/a, CRC - Excellent, Declared, DELTA - Excellent, Certified, DDD - Excellent, n/a, DIF - n/a, n/a, DOHOME - Very Good, Declared, DREIT - n/a, n/a, DTAC - Excellent, Certified, ECL - Excellent, Certified, EGCO - Excellent, Certified, EPG - Excellent, Certified, ERW - Very Good, Certified, GFPT - Excellent, Certified, GGC - Excellent, Certified, GLOBAL - Excellent, n/a, HANA - Excellent, Certified, HMPRO - Excellent, Certified, HUMAN - Good, n/a, ICHI - Excellent, Certified, III - Excellent, Declared, INTUCH - Excellent, Certified, IRPC - Excellent, Certified, ITD - Very Good, n/a, IVL - Excellent, Certified, JASIF - n/a, n/a, JKN - n/a, Certified, JMT - Very Good, n/a, KBANK - Excellent, Certified, KCE - Excellent, Certified, KEX - Very Good, Declared, KKP - Excellent, Certified, KSL - Excellent, Certified, KTB - Excellent, Certified, KTC - Excellent, Certified, LH - Excellent, n/a, LPN - Excellent, Certified, M - Very Good, Certified, MAKRO - Excellent, Certified, MC - Excellent, Certified, MEGA - Very Good, n/a, MINT - Excellent, Certified, MTC - Excellent, Certified, NETBAY - Very Good, n/a, NRF - Very Good, Declared, OR - Excellent, n/a, ORI - Excellent, Certified, OSP - Excellent, n/a, PLANB -Excellent, Certified, PRINC - Very Good, Certified, PR9 - Excellent, Declared, PSH - Excellent, Certified, PTT - E Excellent, n/a, PTTGC - Excellent, Certified, QH - Excellent, Certified, RAM - n/a, n/a, RBF - Very Good, n/a, RS - Excellent, Declared, RSP -Good, n/a, S - Excellent, n/a, SAK - Very Good, Declared, SAPPE - Very Good, Certified, SAWAD - Very Good, n/a, SCB - Excellent, Certified, SCC - Excellent, Certified, SCGP - Excellent, Declared, SECURE - n/a, n/a, SHR - Excellent, n/a, SIRI - Excellent, Certified, SPA - Very Good, n/a, SPALI - Excellent, Certified, SPRC - Excellent, Certified, SSP - Good, Certified, STEC - Excellent, n/a, SVI - Excellent, Certified, SYNEX -Very Good, Certified, TCAP - Excellent, Certified, THANI - Excellent, Certified, TIDLOR - n/a, Certified TISCO - Excellent, Certified, TKN - Very Good, n/a, TOP - Excellent, Certified, TRUE - Excellent, Certified, TTB - Excellent, Certified, TU - Excellent, Certified, TVO - Excellent, Certified, VGI - Excellent, Certified, WHA - Excellent, Certified, WHART - n/a, n/a, WICE - Excellent, Certified, WORK - Good, n/a.

- CG Score 2021 from Thai Institute of Directors Association (IOD)
- Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of August 5, 2021) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.

Recommendation Fram	nework
Stock Ratings	Definition:
Add	The stock's total return is expected to exceed 10% over the next 12 months.
Hold	The stock's total return is expected to be between 0% and positive 10% over the next 12 months.
Reduce	The stock's total return is expected to fall below 0% or more over the next 12 months.
	n of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net ock. Stock price targets have an investment horizon of 12 months.
Sector Ratings	Definition:
Overweight Neutral Underweight	An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.  A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.  An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.
Country Ratings	Definition:
Overweight Neutral Underweight	An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.  A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.  An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.

