

## PRECIOUS SHIPPING

(PSL TB/ PSL.BK)

### Waiting for next round of BDI hikes

**We expect 4Q earnings to drop 7% qoq to Bt1.4b following weaker BSI and BHSI. However, we project FY22 average BDI will exceed 2,500, better than FY16-20 average of 1,450, as demand (+2.4%) would outpace supply (+1.5%). And, BDI should recover in March following the Winter Olympics in February. We maintain a BUY rating with a TP of Bt20.5/sh (nudged down from Bt20.4), premised on attractive upside.**

#### Weaker BDI in 4Q21

BDI remained high in October but likely fell in November-December because of (i) strict enforcement of air pollution regulations in China, and (ii) the holiday season. 4Q average BDI (Baltic Dry Index), BSI (Baltic Supramax Index) and BHSI (Baltic Handysize Index) had dropped 8%, 12% and 3% qoq to 3,426, 2,745 and 1,727, respectively. This implies lower TC rate for 4Q21, which would reduce gross margin. We estimate TC rate fell 5% qoq to USD23,750 per vessel\*day and operating cost was flat qoq at USD5,100 per vessel\*day. This should lead to Bt1.4b net profit for 4Q, surging 50-fold yoy but falling 7% qoq.

#### Expect average BDI to taper off in 2022 but remain above 2,500

The BDI should taper off in 1Q22 due to delivery of new bulk carriers in 1Q22. In addition, China wants blue skies during Winter Olympics on February 4-20. Hence, BDI should recover in March. We expect FY22 average BDI to exceed 2,500 vs FY16-20 average of 1,450, as demand growth (+2.4%) would outpace supply growth (+1.5%). And, supply would be tight for the next 3 years given a small orderbook at 6.5% of current fleet capacity, the lowest since 2009. IHS Markit Freight Rate Forecast models predict BDI would fall by 30% to average 1,800-2,300 in 2022.

#### Maintain BUY rating, nudged down TP to Bt20.5/sh (from Bt20.4)

We upgraded FY21F and FY22F earnings by 15% and 6% to Bt4.1b and Bt2.2b, respectively, after raising TC rate assumptions. At the current share price, PSL fell by 45% from high and offers attractive 45% potential return. Our revised TP is based on 2.2x FY22F PBV.

#### Financial Summary

Year to 31 Dec	Unit	2019	2020	2021F	2022F	2023F
Revenue	(Btm)	4,152	3,730	8,357	6,329	6,634
Revenue growth	(%)	(15.83)	(10.16)	124.05	(24.27)	4.82
EBITDA	(Btm)	1,647	1,390	5,603	3,699	3,963
EBITDA growth	(%)	(32.67)	(15.60)	302.94	(33.98)	7.14
Profit, core	(Btm)	(222)	(413)	3,968	2,186	2,617
Profit growth, core	(%)	(148.51)	n.a.	n.a.	(44.90)	19.70
Profit, reported	(Btm)	(228)	(1,295)	4,092	2,186	2,617
Profit growth, reported	(%)	(150.07)	n.a.	n.a.	(46.58)	19.70
EPS, core	(Bt)	(0.14)	(0.27)	2.54	1.40	1.68
EPS growth, core	(%)	(148.51)	n.a.	n.a.	(44.90)	19.70
DPS	(Bt)	0.00	0.00	0.66	0.70	0.84
P/E, core	(x)	(57.19)	(28.67)	5.54	10.06	8.40
P/BV, core	(x)	1.10	1.17	1.68	1.55	1.42
ROE	(%)	(1.88)	(11.94)	35.27	16.05	17.66
Dividend yield	(%)	0.00	0.00	4.69	4.97	5.95
FCF yield	(%)	16.39	21.60	21.41	17.05	16.40

## BUY

Target price Bt20.50 (+45.4%) Price Bt14.10

Total return upside 50.1% Div. yield 4.7%



**Adisak PROMBUN**

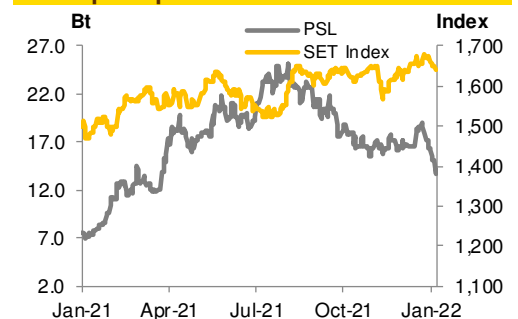
Fundamental investment analyst on securities

+662 659 7000 ext 5013

Adisak.Prombun@krungsrisecurities.com

Key data	Unit	
12M high/ low	(Bt)	26.0/ 7.1
Market cap	(Btm/ USDm)	21,986/ 665
3M avg. daily turnover	(Btm/ USDm)	296.2/ 8.9
Free float	(%)	47.0
Issued shares	(m shares)	1,559
<b>Major shareholders:</b>		<b>%</b>
1) Globex Corporation C		28.4
2) Grain Trade Co Ltd		8.3
3) Hashim Khalid Moinud		7.8

#### Stock price performance



	Unit	ytd	1M	3M	12M
Total return	(%)	(15.1)	(15.6)	(19.7)	93.7
Total return vs SET	(%)	(13.9)	(15.7)	(19.8)	84.5

#### Krungsri vs Bloomberg consensus

	Unit	(+)	(=)	(-)
Bloomberg consensus	(Cnt.)	6	1	1
		<b>KSS</b>	<b>BB</b>	<b>%diff</b>
Target price	(Bt)	20.50	21.65	(5.3)
2021F net profit	(Btm)	4,092	3,741	9.4
2022F net profit	(Btm)	2,186	3,005	(27.3)

#### Earnings revision

Bloomberg	Unit	2021F	2022F
1M	(%)	0.43	(6.06)
3M	(%)	(5.04)	(35.13)
ytd	(%)	0.43	(6.06)
<b>Krungsri</b>			
From last report	(%)	15.00	5.74

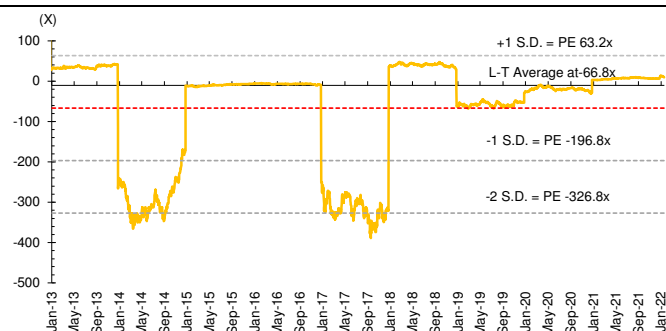
Source: Bloomberg, Krungsri Securities

**PSL: 4Q21F Results Preview**

FY December 31 (Btm)	4Q20	1Q21	2Q21	3Q21	4Q21F	%YoY	% QoQ
<b>Total revenue</b>	<b>1,050</b>	<b>1,246</b>	<b>1,918</b>	<b>2,639</b>	<b>2,554</b>	<b>143%</b>	<b>-3%</b>
Cost of goods sold	(798)	(784)	(883)	(827)	(903)	13%	9%
<b>Gross profit</b>	<b>253</b>	<b>463</b>	<b>1,035</b>	<b>1,812</b>	<b>1,651</b>	<b>554%</b>	<b>-9%</b>
SG&A	(67)	(79)	(163)	(169)	(174)	162%	4%
<b>Operating profit</b>	<b>186</b>	<b>383</b>	<b>872</b>	<b>1,643</b>	<b>1,477</b>	<b>694%</b>	<b>-10%</b>
Other income	2	1	1	0	8	411%	10840%
<b>EBIT</b>	<b>188</b>	<b>384</b>	<b>873</b>	<b>1,643</b>	<b>1,485</b>	<b>692%</b>	<b>-10%</b>
Interest expense	(122)	(117)	(108)	(112)	(99)	-20%	-12%
<b>Pretax profit</b>	<b>65</b>	<b>267</b>	<b>765</b>	<b>1,532</b>	<b>1,387</b>	<b>2029%</b>	<b>-9%</b>
Corporate tax	(4)	-	-	-	(4)	n.a.	n.a.
<b>Profit before MI</b>	<b>61</b>	<b>267</b>	<b>765</b>	<b>1,532</b>	<b>1,383</b>	<b>2179%</b>	<b>-10%</b>
Equity a/c profits	4	4	4	7	6	71%	-3%
Minority interests	0	-	(0)	-	0	n.a.	n.a.
<b>Core profit</b>	<b>64</b>	<b>271</b>	<b>769</b>	<b>1,538</b>	<b>1,389</b>	<b>2058%</b>	<b>-10%</b>
Extra-ordinary items	(37)	104	57	(37)	-	-100%	-100%
<b>Net profit</b>	<b>27</b>	<b>375</b>	<b>826</b>	<b>1,501</b>	<b>1,389</b>	<b>4959%</b>	<b>-7%</b>
EBITDA	494	691	1,160	1,960	1,802	265%	-8%
<b>Core EPS (Bt)</b>	<b>0.04</b>	<b>0.17</b>	<b>0.49</b>	<b>0.99</b>	<b>0.89</b>	<b>2058%</b>	<b>-10%</b>
<b>Net EPS (Bt)</b>	<b>0.02</b>	<b>0.24</b>	<b>0.53</b>	<b>0.96</b>	<b>0.89</b>	<b>4959%</b>	<b>-7%</b>
<b>Financial ratio (%)</b>							
Gross profit margin	24.0%	37.1%	54.0%	68.7%	64.7%		
SG&A expense	6.3%	6.4%	8.5%	6.4%	6.8%		
Normalized profit margin	6.1%	21.7%	40.1%	58.3%	54.4%		
Net profit margin	2.6%	30.1%	43.1%	56.9%	54.4%		

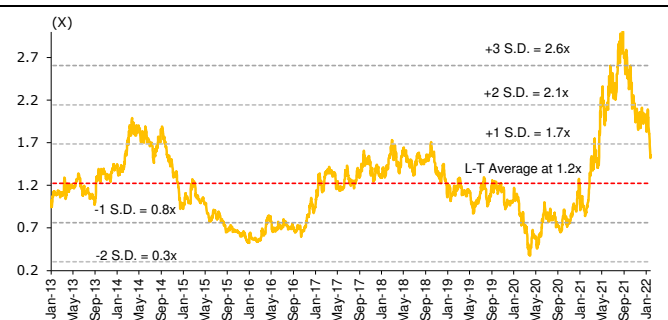
Source: Company data, Krungsri Securities

**P/E Band**



Source: Bloomberg, Krungsri Securities

**P/BV Band**



Source: Bloomberg, Krungsri Securities

**Average BDI, BSI and BHSI**

	4Q20	1Q21	2Q21	3Q21	4Q21	%YoY	% QoQ
<b>Baltic Dry Index (BDI)</b>	<b>1,366</b>	<b>1,728</b>	<b>2,765</b>	<b>3,729</b>	<b>3,426</b>	<b>+151%</b>	<b>-8%</b>
Baltic Exchange Supramax Index (BSI)	981	1,499	2,303	3,118	2,745	+180%	-12%
Baltic Exchange Handysize Index (BHSI)	623	917	1,245	1,788	1,727	-177%	-3%

Source: Bloomberg, Krungsri Securities

**PSL: Assumptions (New)**

Assumption	2021F	2022F	2023F
Number of vessels (Vessels)	36	36	36
Average TC rate (USD / day)	19,300	14,475	15,199
Operating cost (USD / day)	4,611	4,657	4,704
USDTHB (Bt/USD)	32.2	32.5	32.5
Gross Margin (%)	59.4	46.0	48.1
SG&A/Sales (%)	7.0	7.0	7.0
Effective tax rate (%)	0.1	0.1	0.1

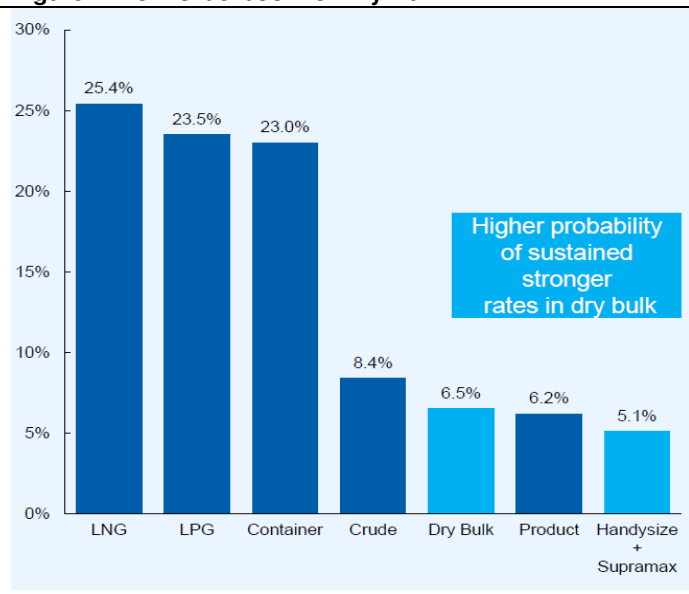
Source: Company data, Krungsri Securities

**PSL: Assumptions (Previous)**

Assumption	2021F	2022F	2023F
Number of vessels (Vessels)	36	36	36
Average TC rate (USD / day)	17,000	14,450	15,173
Operating cost (USD / day)	5,081	5,183	5,287
USDTHB (Bt/USD)	32.2	32.5	32.5
Gross Margin (%)	51.4	42.4	44.3
SG&A/Sales (%)	6.5	8.0	8.0
Effective tax rate (%)	1.0	1.0	1.0

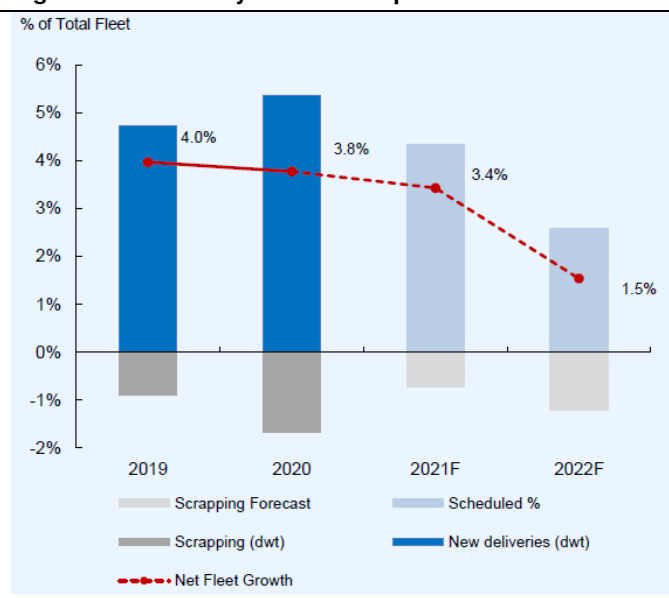
Source: Company data, Krungsri Securities

**Figure 1: Low Orderbook for Dry Bulk**



Source: Clarksons Research

**Figure 2: Overall Dry Bulk Development**



Source: Clarksons Research

**Figure 3: Seaborne Dry Bulk Trade vs BDI**

All Units in Billion Tonne-Miles	2016	2017	2018	2019	2020	2021F	2022F
Iron Ore	7,933	8,190	8,195	8,029	8,424	8,612	8,718
Coal (includes Lignite)	4,641	4,870	5,175	5,090	4,594	4,899	4,999
Grains (includes Soybeans)	3,209	3,279	3,164	3,379	3,722	3,825	3,932
Minor Bulk	9,403	9,942	10,384	10,522	10,509	11,173	11,529
Total	25,189	26,281	26,918	27,021	27,249	28,509	29,177
% Change in Demand	-5.8%	4.9%	2.4%	0.4%	0.8%	4.6%	2.4%
% Change in Supply	2.4%	2.9%	3.4%	3.9%	3.8%	3.4%	1.5%
<b>Average BDI</b>	<b>673</b>	<b>1,145</b>	<b>1,353</b>	<b>1,344</b>	<b>1,064</b>	<b>2,919</b>	

Source: Clarksons Research, Company data, Krungsri Securities, Bloomberg as of 17 November 2021

## Financial statement

### Profit and Loss Statement

FY December 31	Unit	2016	2017	2018	2019	2020	2021F	2022F	2023F
Total revenue	(Btm)	3,682	4,329	4,933	4,152	3,730	8,357	6,329	6,634
Cost of goods sold	(Btm)	(3,852)	(3,160)	(3,250)	(3,168)	(3,226)	(3,396)	(3,419)	(3,442)
Gross profit	(Btm)	(170)	1,169	1,682	984	504	4,961	2,910	3,192
SG&A	(Btm)	(348)	(404)	(458)	(551)	(336)	(585)	(443)	(464)
Other income	(Btm)	56	23	37	31	9	10	12	12
Interest expense	(Btm)	(980)	(848)	(826)	(703)	(597)	(436)	(307)	(137)
Pre-tax profit	(Btm)	(1,443)	(61)	436	(239)	(420)	3,950	2,172	2,603
Corporate tax	(Btm)	(0)	(0)	(2)	(3)	(4)	(4)	(2)	(3)
Equity a/c profits	(Btm)	3	10	24	20	11	21	16	17
Minority interests	(Btm)	(2)	0	(0)	(0)	0	0	0	0
Core profit	(Btm)	(1,441)	(51)	458	(222)	(413)	3,968	2,186	2,617
Extra-ordinary items	(Btm)	(1,224)	(79)	(2)	(6)	(881)	124	0	0
Net profit	(Btm)	(2,665)	(129)	456	(228)	(1,295)	4,092	2,186	2,617
EBITDA	(Btm)	904	1,958	2,447	1,647	1,390	5,603	3,699	3,963
Core EPS	(Bt)	(0.92)	(0.03)	0.29	(0.14)	(0.27)	2.54	1.40	1.68
Net EPS	(Bt)	(1.71)	(0.08)	0.29	(0.15)	(0.83)	2.62	1.40	1.68
DPS	(Bt)	0.00	0.00	0.00	0.00	0.00	0.66	0.70	0.84

### Balance Sheet

FY December 31	Unit	2016	2017	2018	2019	2020	2021F	2022F	2023F
Total current assets	(Btm)	3,101	2,251	2,317	1,681	1,938	2,896	2,510	2,631
Total long-term assets	(Btm)	29,215	26,583	25,520	23,380	19,459	18,674	17,418	16,315
Total assets	(Btm)	32,316	28,833	27,837	25,061	21,397	21,570	19,928	18,946
Total current liabilities	(Btm)	1,228	1,334	2,308	4,712	3,339	1,115	1,125	1,057
Total long-term liabilities	(Btm)	17,455	15,164	12,833	8,789	7,923	7,385	4,640	2,729
Total liabilities	(Btm)	18,683	16,498	15,141	13,502	11,263	8,500	5,765	3,786
Paid-up capital	(Btm)	3,527	3,527	3,527	3,527	3,527	3,527	3,527	3,527
Total equity	(Btm)	13,633	12,335	12,695	11,559	10,134	13,070	14,163	15,471
Minority interest	(Btm)	0	0	0	0	0	0	0	0
BVPS	(Bt)	8.74	7.91	8.14	7.41	6.50	8.38	9.08	9.92

### Cash Flow Statement

FY December 31	Unit	2016	2017	2018	2019	2020	2021F	2022F	2023F
Core profit	(Btm)	(1,441)	(51)	458	(222)	(413)	3,968	2,186	2,617
Depreciation and amortization	(Btm)	1,366	1,171	1,185	1,183	1,213	1,216	1,220	1,223
Operating cash flow	(Btm)	693	1,260	1,464	1,126	(149)	5,137	3,713	3,727
Investing cash flow	(Btm)	(806)	436	(3)	956	2,708	(431)	36	(120)
Financing cash flow	(Btm)	2,356	(1,130)	(1,158)	(922)	(1,499)	(4,011)	(3,838)	(3,219)
Net change in cash	(Btm)	2,223	318	293	1,046	1,047	696	(89)	387

### Key Financial Ratios

FY December 31	Unit	2016	2017	2018	2019	2020	2021F	2022F	2023F
Gross margin	(%)	(4.61)	27.00	34.11	23.71	13.51	59.36	45.98	48.11
EBITDA margin	(%)	24.55	45.23	49.60	39.68	37.28	67.04	58.44	59.73
EBIT margin	(%)	(12.56)	18.19	25.57	11.17	4.76	52.48	39.17	41.30
Net profit margin	(%)	(72.37)	(2.99)	9.25	(5.50)	(34.71)	48.96	34.54	39.45
ROE	(%)	(19.55)	(1.00)	3.65	(1.88)	(11.94)	35.27	16.05	17.66
ROA	(%)	(8.25)	(0.42)	1.61	(0.86)	(5.57)	19.05	10.54	13.46
Net D/E	(x)	1.1	1.1	1.0	1.0	0.9	0.4	0.2	0.1
Interest coverage	(x)	(0.5)	0.9	1.5	0.7	0.3	10.1	8.1	20.0
Payout ratio	(%)	0	0	0	0	0	25	50	50

### Main Assumptions

FY December 31	Unit	2016	2017	2018	2019	2020	2021F	2022F	2023F
Number of vessels	Vessels		36	38	36	36	36	36	36
Average TC rate	USD / vessel*day		9,846	11,063	9,622	8,332	19,300	14,475	15,199
Operating cost	USD / vessel*day		4,355	4,621	4,778	4,705	4,611	4,657	4,704
USDTHB	Bt / USD		32.7	32.4	30.9	31.3	32.2	32.5	32.5
Gross Margin	(%)		27.0	34.1	23.7	13.5	59.4	46.0	48.1
SG&A/sales	(%)		9.3	9.3	13.3	9.0	7.0	7.0	7.0
Effective tax rate	(%)		0.3	0.5	1.1	1.1	0.1	0.1	0.1

**Financial statement**

**Profit and Loss Statement**

<b>FY December 31</b>	<b>Unit</b>	<b>4Q19</b>	<b>1Q20</b>	<b>2Q20</b>	<b>3Q20</b>	<b>4Q20</b>	<b>1Q21</b>	<b>2Q21</b>	<b>3Q21</b>
Total revenue	(Btm)	1,150	1,055	680	944	1,050	1,246	1,918	2,639
Cost of goods sold	(Btm)	(808)	(909)	(757)	(762)	(798)	(784)	(883)	(827)
Gross profit	(Btm)	342	146	(77)	182	253	463	1,035	1,812
SG&A	(Btm)	(172)	(112)	(82)	(75)	(67)	(79)	(163)	(169)
Other income	(Btm)	5	4	3	1	2	1	1	0
Interest expense	(Btm)	(150)	(172)	(158)	(145)	(122)	(117)	(108)	(112)
Pre-tax profit	(Btm)	25	(134)	(314)	(37)	65	267	765	1,532
Corporate tax	(Btm)	(3)	0	0	0	(4)	0	0	0
Equity a/c profits	(Btm)	6	1	4	3	4	4	4	7
Minority interests	(Btm)	(0)	0	0	0	0	0	(0)	0
Core profit	(Btm)	28	(133)	(310)	(35)	64	271	769	1,538
Extra-ordinary items	(Btm)	0	16	(873)	12	(37)	104	57	(37)
Net profit	(Btm)	28	(117)	(1,183)	(22)	27	375	826	1,501
EBITDA	(Btm)	469	345	148	412	494	691	1,160	1,960
Core EPS	(Bt)	0.02	(0.09)	(0.20)	(0.02)	0.04	0.17	0.49	0.99
Net EPS	(Bt)	0.02	(0.08)	(0.76)	(0.01)	0.02	0.24	0.53	0.96
DPS		0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00

**Balance Sheet**

<b>FY December 31</b>	<b>Unit</b>	<b>4Q19</b>	<b>1Q20</b>	<b>2Q20</b>	<b>3Q20</b>	<b>4Q20</b>	<b>1Q21</b>	<b>2Q21</b>	<b>3Q21</b>
Total current assets	(Btm)	3,197	2,176	3,023	2,532	1,938	1,531	1,557	2,321
Total long-term assets	(Btm)	11,583	24,087	20,432	20,747	19,459	20,038	20,266	21,118
Total assets	(Btm)	14,780	26,263	23,455	23,278	21,397	21,569	21,823	23,439
Total current liabilities	(Btm)	3,777	7,962	5,770	3,223	3,339	3,037	5,761	2,270
Total long-term liabilities	(Btm)	2,284	6,077	7,303	9,384	7,923	7,559	3,974	7,590
Total liabilities	(Btm)	6,062	14,039	13,073	12,607	11,263	10,596	9,735	9,860
Paid-up capital	(Btm)	4,963	3,700	3,700	3,700	3,527	3,700	3,700	3,700
Total equity	(Btm)	8,718	12,224	10,382	10,672	10,134	10,973	12,088	13,578
Minority interest	(Btm)	153	0	0	0	0	0	0	0
BVPS	(Bt)	5.49	7.84	6.66	6.84	6.50	7.04	7.75	8.71

**Cash Flow Statement**

<b>FY December 31</b>	<b>Unit</b>	<b>4Q19</b>	<b>1Q20</b>	<b>2Q20</b>	<b>3Q20</b>	<b>4Q20</b>	<b>1Q21</b>	<b>2Q21</b>	<b>3Q21</b>
Core profit	(Btm)	28	(133)	(310)	(35)	64	271	769	1,538
Depreciation and amortization	(Btm)	294	307	611	(1)	297	287	299	316
Operating cash flow	(Btm)	462	137	259	448	1,020	487	1,221	2,018
Investing cash flow	(Btm)	(139)	(51)	(33)	1,156	(74)	(39)	(41)	(62)
Financing cash flow	(Btm)	(427)	(97)	(538)	2,048	(4,341)	(455)	(1,079)	(1,296)
Net change in cash	(Btm)	(123)	76	(363)	3,682	(3,476)	40	129	752

**Key Financial Ratios**

<b>FY December 31</b>	<b>Unit</b>	<b>4Q19</b>	<b>1Q20</b>	<b>2Q20</b>	<b>3Q20</b>	<b>4Q20</b>	<b>1Q21</b>	<b>2Q21</b>	<b>3Q21</b>
Gross margin	(%)	29.72	13.82	(11.25)	19.30	24.04	37.12	53.96	68.67
EBITDA margin	(%)	40.75	32.69	21.72	43.68	46.99	55.47	60.49	74.27
EBIT margin	(%)	15.21	3.62	(22.91)	11.38	17.86	30.84	45.52	62.28
Net profit margin	(%)	2.47	(11.10)	(173.91)	(2.34)	2.61	30.11	43.07	56.90
ROE	(%)	0.25	(1.05)	(10.99)	(0.21)	0.25	3.56	7.53	12.84
ROA	(%)	0.12	(0.51)	(5.26)	(0.10)	0.12	1.67	3.75	6.81
Net D/E	(x)	0.36	0.99	1.11	0.95	0.88	0.76	0.61	0.52
Interest coverage	(x)	1.16	0.22	(0.99)	0.74	1.53	3.27	8.08	14.72
Payout ratio	(%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## CG Rating 2020 Companies with CG Rating



AAV	ADVANC	AF	AIRA	AKP	AKR	ALT	AMA	AMATA	AMATAV	ANAN	AOT	AP	ARIP
ARROW	ASP	BAFS	BANPU	BAY	BCP	BCPG	BDMS	BEC	BEM	BGRIM	BIZ	BKI	BLA
BOL	BPP	BRR	BTS	BWG	CENTEL	CFRESH	CHEWA	CHO	CIMBT	CK	CKP	CM	CNT
CNT	COMAN	COTTO	CPALL	CPF	CPI	CPN	CSS	DELTA	DEMCO	DRT	DTAC	DTC	DV8
EA	EASTW	ECF	ECL	EGCO	EPG	ETE	FNS	FPI	FPT	FSMART	GBX	GC	GCAP
GEL	GFPT	GGC	GPSC	GRAMMY	GUNKUL	HANA	HARN	HMPRO	ICC	ICHI	III	ILINK	INTUCH
IRPC	IVL	JKN	JSP	JWD	K	KBANK	KCE	KKP	KSL	KTB	KTC	LANNA	LH
LHFG	LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	METCO	MFEC	MINT	MONO	MOONG
MSC	MTC	NCH	NCL	NEP	NKI	NOBLE	NSI	NVD	NYT	OISHI	ORI	OTO	PAP
PCSGH	PDJ	PG	PHOL	PLANB	PLANET	PLAT	PORT	PPS	PR9	PREB	PRG	PRM	PSH
PSL	PTG	PTT	PTTEP	PTTGC	PYLON	Q-CON	QH	QTC	RATCH	RS	S	S & J	SAAM
SABINA	SAMART	SAMTEL	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SDC	SEAFCO	SEA OIL	SE-ED
SELIC	SENA	SIRI	SIS	SITHAI	SMK	SMPC	SNC	SONIC	SORKON	SPALI	SPI	SPRC	SPVI
SSSC	SST	STA	SUSCO	SUTHA	SVI	SYMC	SYNTEC	TACC	TASCO	TCAP	TFMAMA	THANA	THANI
THCOM	THG	THIP	THRE	THREL	TIP	TIPCO	TISCO	TK	TKT	TMB	TMLL	TNDT	TNL
TOA	TOP	TPBI	TQM	TRC	TRUE	TSC	TSR	TSTE	TSTH	TTA	TTCL	TTW	TU
TVD	TVI	TVO	TWPC	U	UAC	UBIS	UV	VGI	VIH	WACOAL	WAVE	WHA	WHAUP
WICE	WINNER												



2S	ABM	ACE	ACG	ADB	AEC	AEONTS	AGE	AH	AHC	AIT	ALLA	AMANAH	AMARIN
APCO	APCS	APURE	AQUA	ASAP	ASEFA	ASIA	ASIAN	ASIMAR	ASK	ASN	ATP30	AUCT	AWC
AYUD	B	BA	BAM	BBL	BFIT	BGC	BJC	BJCHI	BROOK	BTW	CBG	CEN	CGH
CHARAN	CHAYO	CHG	CHOTI	CHOW	CI	CIG	CMC	COLOR	COM7	CPL	CRC	CRD	CSC
CSP	CWT	DCC	DCON	DDD	DOD	DOHOME	EASON	EE	ERW	ESTAR	FE	FLOYD	FN
FORTH	FSS	FTE	FVC	GENCO	GJS	GL	GLAND	GLOBAL	GLOCON	GPI	GULF	GYT	HPT
HTC	ICN	IFS	ILM	IMH	INET	INSURE	IRC	IRCP	IT	ITD	ITEL	J	JAS
JCK	JCKH	JMART	JMT	KBS	KCAR	KGI	KIAT	KOOL	KTIS	KWC	KWM	L&E	LALIN
LDC	LHK	LOXLEY	LPH	LRH	LST	M	MACO	MAJOR	MBAX	MEGA	META	MFC	MGT
MILL	MITSIB	MK	MODERN	MTI	MVP	NETBAY	NEX	NINE	NTV	NWR	OCC	OGC	OSP
PATO	PB	PDG	PDI	PICO	PIMO	PJW	PL	PM	PPP	PRIN	PRINC	PSTC	PT
QLT	RCL	RICHY	RML	RPC	RWI	S11	SALEE	SAMCO	SANKO	SAPPE	SAWAD	SCI	SCP
SE	SFP	SGF	SHR	SIAM	SINGER	SKE	SKR	SKY	SMIT	SMT	SNP	SPA	SPC
SPCG	SR	SRICHA	SSC	SSF	STANLY	STI	STPI	SUC	SUN	SYNEX	T	TAE	TAKUNI
TBSP	TCC	TCMC	TEAM	TEAMG	TFG	TGH	TIGER	TITLE	TKN	TKS	TM	TMC	TMD
TMI	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY	TPS	TRITN	TRT	TRU
TSE	TVT	TWP	UEC	UMI	UOBKH	UP	UPF	UPOIC	UT	UTP	UWC	VL	VNT
VPO	WIJK	WP	XO	YUASA	ZEN	ZIGA	ZMICO						



7UP	A	ABICO	AJ	ALL	ALUCON	AMC	APP	ARIN	AS	AU	B52	BC	BCH
BEAUTY	BGT	BH	BIG	BKD	BLAND	BM	BR	BROCK	BSBM	BSM	BTNC	CAZ	CCP
CGD	CITY	CMAN	CMO	CMR	CPT	CPW	CRANE	CSR	D	EKH	EP	ESSO	FMT
GIFT	GREEN	GSC	GTB	HTECH	HUMAN	IHL	INOX	INSET	IP	JTS	JUBILE	KASET	KCM
KKC	KUMWEL	KUN	KWG	KYE	LEE	MATCH	MATI	M-CHAI	MCS	MDX	MJD	MM	MORE
NC	NDR	NER	NFC	NNCL	NOVA	NPK	NUSA	OCEAN	PAF	PF	PK	PLE	PMTA
POST	PPM	PRAKIT	PRECHA	PRIME	PROUD	PTL	RBF	RCI	RJH	ROJNA	RP	RPH	RSP
SF	SFLEX	SGP	SISB	SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STARK	STC	SUPER
SVOA	TC	TCCC	THMUI	TNH	TOPP	TPCH	TPIPP	TPLAS	TTI	TYCN	UKEM	UMS	VCOM
VRANDA	WIN	WORK	WPH										

## Disclaimer

The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an assessment of operation and is not based on inside information. The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date or when there is any change to the relevant information. Nevertheless, Krungsri Securities Public Company Limited does not confirm, verify, or certify the accuracy and completeness of such survey result.



# Anti-corruption Progress Indicator 2020

## Companies that have declared their intention to join CAC

7UP	ABICO	APURE	B52	BKD	BROCK	CI	ESTAR	EVER	FSMART	J	JKN	JMART	JMT
JSP	LDC	MAJOR	NCL	NOBLE	PK	PLE	SHANG	SKR	SPALI	SSP	SUPER	TGH	THAI
TQM	TTA	WIN	ZIGA										

## Companies certified by CAC

2S	ADVANC	AF	AI	AIE	AIRA	AKP	AMA	AMANAHA	AMATA	AMATAV	AP	APCS	AQUA
ARROW	ASK	B	BAFS	BAM	BANPU	BAY	BBL	BCH	BGP	BCPG	BGC	BGRIM	BJCHI
BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG	CEN	CENDEL	CFRESH	CGH	CHEWA	CHOTI
CHOW	CIG	CIMBT	CM	CMC	COM7	COTTO	CPALL	CPF	CPN	CSC	DCC	DELTA	
DEMCO	DIMET	DRT	DTAC	DTC	EA	EASTW	ECL	EGCO	EP	EPG	ERW	ETE	FE
FNS	FPI	FPT	FSS	FTE	GBX	GC	GCAP	GEL	GFPT	GGC	GJS	GLOCON	GPI
GPSC	GSTEEL	GUNKUL	HANA	HARN	HEMP	HMPRO	HTC	ICC	ICI	IFS	ILINK	INET	INSURE
INTUCH	IRC	IRPC	ITEL	IVL	K	KASET	KBANK	KBS	KCAR	KCE	KGI	KKP	KSL
KTB	KTC	KWC	KWG	L&E	LANNA	LHFG	LHK	LPN	LRH	M	MAKRO	MALEE	MBAX
MBK	MBKET	MC	MCOT	META	MFC	MFEC	MINT	MONO	MOONG	MSC	MTC	MTI	NBC
NEP	NINE	NKI	NMG	NNCL	NOK	NSI	NWR	OCC	OCEAN	OGC	ORI	PAP	PATO
PB	PCSGH	PDG	PDI	PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP
PPPM	PPS	PREB	PRG	PRINC	PRM	PSH	PSL	PSTC	PT	PTG	PTT	PTTEP	PTTGC
PYLON	Q-CON	QH	QLT	QTC	RATCH	RML	RWI	S & J	SAAM	SABINA	SAPPE	SAT	SC
SCB	SCC	SCCC	SCG	SCN	SEAOIL	SE-ED	SELIC	SENA	SGP	SINGER	SIRI	SIS	SITHAI
SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK	SPC	SPI	SPRC	SRICHA	SSF	SSSC	SST
STA	SUSCO	SVI	SYMC	SYNTEC	TAE	TAKUNI	TASCO	TBSP	TCAP	TCMC	TFG	TFI	TFMAMA
THANI	THCOM	THIP	THRE	THREL	TIP	TIPCO	TISCO	TKS	TKT	TMD	TMILL	TMT	TNITY
TNL	TNP	TNR	TOG	TOP	TOPP	TPA	TPCS	TPP	TRU	TRUE	TSC	TSTH	TTB
TTCL	TU	TVD	TVI	TVO	TWPC	U	UBIS	UEC	UKEM	UOBKH	UPF	UV	UWC
VGI	VIH	VNT	WACOAL	WHA	WHAUP	WICE	WIJK	XO	ZEN				

## N/A

3K-BAT	A	A5	AAV	ABM	ACAP	ACC	ACE	ACG	ADB	ADD	AEC	AEONTS	AFC
AGE	AH	AHC	AIT	AJ	AJA	AKR	ALL	ALLA	ALT	ALUCON	AMARIN	AMC	ANAN
AOT	APCO	APEX	APP	AQ	ARIN	ARIP	AS	ASAP	ASEFA	ASIA	ASIAN	ASIMAR	ASN
ASP	ASW	ATP30	AU	AUCT	AWC	AYUD	BA	BC	BCT	BDMS	BEAUTY	BEC	BEM
BFIT	BGT	BH	BIG	BIZ	BJC	BLAND	BLISS	BM	BOL	BR	BSM	BTNC	BTW
BUI	CAZ	CBG	CCET	CCP	CGD	CHARAN	CHAYO	CHG	CHO	CITY	CK	CKP	CMAN
CMO	CMR	CNT	COLOR	COMAN	CPH	CHPL	CPR	CPT	CPW	CRANE	CRC	CRD	CSP
CSR	CSS	CTW	CWT	D	DCON	DDD	DHOUSE	DITTO	DMT	DOD	DOHOME	DTCI	DV8
EASON	ECF	EE	EFORL	EKH	EMC	ESSO	ETC	F&D	FANCY	FLOYD	FMT	FN	FORTH
FVC	GENCO	GIFT	GL	GLAND	GLOBAL	GRAMMY	GRAND	GREEN	GSC	GTB	GULF	GYT	HFT
HPT	HTECH	HUMAN	HYDRO	ICN	IFEC	IHL	IIG	III	ILM	IMH	IND	INGRS	INOX
INSET	IP	IRCP	IT	ITD	JAK	JAS	JCK	JCKH	JCT	JR	JTS	JUBILE	JUTHA
JWD	KAMART	KC	KCM	KDH	KEX	KIAT	KISS	KK	KKC	KOOL	KTIS	KUMWEL	KUN
KWM	KYE	LALIN	LEE	LEO	LH	LIT	LOXLEY	LPH	LST	MACO	MANRIN	MATCH	MATI
MAX	M-CHAI	MCS	MDX	MEGA	METCO	MGT	MICRO	MIDA	MILL	MITSIB	MJD	MK	ML
MODERN	MORE	MPIC	MUD	MVP	NC	NCAP	NCH	NDR	NER	NETBAY	NEW	NEWS	NEX
NFC	NOVA	NPK	NRF	NSL	NTV	NUSA	NVD	NYT	OHTL	OISHI	OR	OSP	OTO
PACE	PACO	PAE	PAF	PERM	PF	PICO	PIMO	PJW	PMTA	POLAR	POMPUI	PORT	POST
PPM	PR9	PRAKIT	PRAPAT	PRECHA	PRIME	PRIN	PRO	PROEN	PROS	PROUD	PTL	RAM	RBF
RCI	RCL	RICHY	RJH	ROCK	ROH	ROJNA	RP	RPC	RPH	RS	RSP	RT	S
S11	SA	SABUY	SAFARI	SAK	SALEE	SAM	SAMART	SAMCO	SAMTEL	SANKO	SAUCE	SAWAD	SAWANG
SCGP	SCI	SCM	SCP	SDC	SE	SEAFCO	SF	SFLEX	SFT	SGF	SHR	SHR	SIAM
SICT	SIMAT	SISB	SK	SKE	SKN	SKY	SLM	SLP	SMART	SMD	SMT	SO	SOLAR
SONIC	SPA	SPCG	SPG	SPVI	SQ	SR	SSC	STANLY	STAR	STARK	STC	STEC	STGT
STHAI	STI	STPI	SUC	SUN	SUTHA	SVH	SVOA	SWC	SYNEX	T	TACC	TAPAC	TC
TCC	TCCC	TCJ	TCOAT	TEAM	TEAMG	TGPRO	TH	THANA	THE	THG	THL	THMUI	TIDLOR
TIGER	TITLE	TK	TKN	TM	TMC	TMI	TMW	TNDT	TNH	TNPC	TOA	TPAC	TPBI
TPCH	TIPL	TIPIP	TPLAS	TPOLY	TPS	TQR	TR	TRC	TRITN	TRT	TRUBB	TSE	TSF
TSI	TSR	TSTE	TTI	TTT	TTW	TVT	TWP	TWZ	TYCN	UAC	UMI	UMS	UNIQ
UP	UPA	UPOIC	UREKA	UT	UTP	UVAN	VARO	VCOM	VI	VIBHA	VL	VNG	VPO
VRANDA	W	WAVE	WGE	WINMED	WINNER	WORK	WORLD	WP	WPH	WR	XPG	YCI	YGG
YUASA													

## Disclaimer

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of Thaipat Institute that is a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, Krungsri Securities Public Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment result."

## Reference

Disclosure: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of January, 30 2021) are categorised into:

- Companies that have declared their intention to join CAC
- Companies certified by CAC.

## Research Group

### Investment Strategy

#### Isara Ordeedolchest

Head of Research Group, Macro-strategy  
+662 659 7000 ext. 5001  
Isara.Ordeedolchest@krungsrisecurities.com

#### Chaiyot Jiwagkul

Technical Strategy  
+662 659 7000 ext. 5006  
Chaiyot.Jiwagkul@krungsrisecurities.com

#### Artit Jansawang

Retail Investment Strategy  
+662 659 7000 ext. 5005  
Artit.Jansawang@krungsrisecurities.com

#### Nalinee Praman

Assistant Strategist  
+662 659 7000 ext. 5011  
Nalinee.Praman@krungsrisecurities.com

### Fundamental Research

#### Naphat Chantaraserekul

Energy, Petrochemical and Utilities (Power)  
+662 659 7000 ext. 5000  
Naphat.Chantaraserekul@krungsrisecurities.com

#### Phatipak Navawatana

ICT, Media and Transportation (Land)  
+662 659 7000 ext. 5003  
Phatipak.Navawatana@krungsrisecurities.com

#### Ratasak Piriyanont

Property and Bank  
+662 659 7000 ext. 5016  
Ratasak.Piriyanont@krungsrisecurities.com

#### Amornrat Kakanankul

Food & beverage, Quantitative Research  
+662 659 7000 ext. 5019  
Amornrat.Kakanankul@krungsrisecurities.com

#### Patipol Prawangsuk

Assistant analyst  
+662 659 7000 ext. 5012  
Patipol.Prawangsuk@krungsrisecurities.com

#### Sirikarn Krisnipat

Healthcare, IE, Property Fund/REITs and Utilities (Water)  
+662 659 7000 ext. 5018  
Sirikarn.Krisnipat@krungsrisecurities.com

#### Adisak Prombun

Agribusiness, Food and Construction Services  
+662 659 7000 ext. 5013  
Adisak.Prombun@krungsrisecurities.com

#### Ekasit Kunadirekwong

Commerce, Tourism and Transportation (Air)  
+662 659 7000 ext. 5010  
Ekasit.Kunadirekwong@krungsrisecurities.com

#### Peerawat Kupatiltpong

Assistant analyst  
+662 659 7000 ext. 5008  
Peerawat.Kupatiltpong@krungsrisecurities.com

### Research Support

#### Yuphawane Laotrakunchai

Database  
+662 659 7000 ext. 5002  
Yuphawane.Laotrakunchai@krungsrisecurities.com

#### Natthakan Phosri

Database  
+662 659 7000 ext. 5015  
Natthakan.Phosri@krungsrisecurities.com



## Krungsri Securities

### 01 Head Office

898 Ploenchit Tower, 3rd Floor, Ploenchit Road,  
Lumpini, Pathumwan, Bangkok 10330  
Tel. +662 659 7000 Fax. +662 658 5699

### 03 Central Bangna

589/151 Central City Tower, 27th Floor, Thepparat  
Road, Bangnanua, Bangna, Bangkok 10260  
Tel. +662 763 2000 Fax. +662 399 1448

### 05 Suphanburi

249/171-172 Moo 5, Nen Kaeo Road, Tha Rahat,  
Amphur Mueang Suphanburi, Suphanburi 72000  
Tel. +663 596 7981 Fax. +663 552 2449

### 07 Nakhonpathom

67/1 Ratchadamnern Road, Phrapathomjedee, Amphur  
Mueang Nakhonpathom, Nakhonpathom 73000  
Tel. +663 427 5500-7 Fax. +663 421 8989

### 09 Phitsanulok

275/1 Pichaisongkhram Road, Nai Muang,  
Amphur Mueang Phitsanulok, Phitsanulok 65000  
Tel. +665 530 3360 Fax. +665 530 2580

### 11 Hat yai

90-92-94 Bank of Ayudhya PCL. Hat Yai Branch  
Nipat-u-tit Nueng Road, Hat Yai, Amphur Hat Yai,  
Songkhla 90110  
Tel. +667 422 1229 Fax. +667 422 1411

### 02 Emporium Tower

622 Emporium Tower, 10th Floor, Sukhumwit 24  
Road, Klongtan, Klongtoey, Bangkok 10110  
Tel. +662 695 4539-40 Fax. +662 695 4599

### 04 Rama 2

356, 358, 360 4th Floor, Rama 2 Road, Samaedam,  
Bangkhunthian, Bangkok 10150  
Tel. +662 013 7145 Fax. +662 895 9557

### 06 Chonburi

64/17 Sukhumwit Road, Bangplasoi, Amphur  
Mueang Chonburi, Chonburi 20000  
Tel. +663 312 6 580 Fax. +663 312 6588

### 08 Chiang Mai

70 Chang Phuak Road, Sri Phum, Amphur Mueang  
Chiang Mai, Chiang Mai 50200  
Tel. +665 321 9234 Fax. +665 321 9247

### 10 Khon Kaen

114 Bank of Ayudhya PCL. Khon Kaen Branch Sri  
Chan Road, Nai Muang, Amphur Mueang Khon Kaen,  
Khon Kaen 40000  
Tel. +664 322 6120 Fax. +664 322 6180

### Definition of Ratings

**BUY:** Stocks with expected capital gain above 10% in the next 12 months

**HOLD:** Stocks with expected capital gain between -10% and +10% in the next 12 months

**SELL:** Stocks with expected capital gain below -10% in the next 12 months