Macquarie Research **Equities**





INDIA

Sterlite Industries

29 April 2009

STLT IN	C	utperform
Stock price as of 28 Apr 09 12-month target Upside/downside Valuation - Sum of Parts	Rs Rs % Rs	382.85 518.00 +35.3 518.00
GICS sector Market cap 30-day avg turnover Market cap Number shares on issue	Rs m US\$m US\$m m	materials 271,218 8.0 5,397 708.4

Investment fundamentals

Year end 31 Mar		2008A	2009E	2010E	2011E
Total revenue EBIT EBIT Growth Recurring profit Reported profit Adjusted profit	bn	245.6	206.7	158.5	194.5
	bn	65.8	41.9	23.5	33.6
	%	-18.6	-36.4	-43.8	42.5
	bn	80.2	57.5	38.9	48.8
	bn	42.3	35.3	25.2	28.3
	bn	42.3	35.3	25.2	28.3
EPS rep EPS rep growth EPS adj EPS adj growth PE rep PE adj	Rs % Rs % x	59.74 -19.9 59.74 -19.9 6.4 6.4	49.89 -16.5 49.89 -16.5 7.7 7.7	35.63 -28.6 35.63 -28.6 10.7 10.7	39.92 12.0 39.92 12.0 9.6 9.6
Total DPS	Rs	4.00	4.50	5.00	5.50
Total div yield	%	1.0	1.2	1.3	1.4
ROA	%	21.6	10.3	5.5	7.3
ROE	%	26.2	15.0	9.8	10.1
EV/EBITDA	x	1.4	2.2	3.5	2.5
Net debt/equity	%	-42.2	-52.1	-51.1	-49.2
Price/book	x	1.2	1.1	1.0	0.9

STLT IN rel SENSEX performance, & rec history



Source: FactSet, Macquarie Research, April 2009 (all figures in INR unless noted)

Analyst

Rakesh Arora, CFA 91 22 6653 3054 Sanjay Doshi 91 22 6653 3061

rakesh.arora@macquarie.com sanjay.doshi@macquarie.com

Redefining costs

Event

 Strong finish to FY09: Sterlite declared FY09 results which were in line with our estimates. However, the current run rate of costs and higher prevailing LME provides upside risks to our FY10E.

Impact

- 4Q results in line: Net sales at Rs44bn are down 3% QoQ. EBITDA at Rs8.3bn is up 48% QoQ. Net profit at Rs5.9bn is up 16% QoQ. The lower profitability of aluminium was offset by higher volumes at copper business.
- Copper smelting stable earnings: This division reported EBITDA of Rs2.9bn in 4Q. Our FY10E of Rs8.2bn looks easily achievable as TC/RCs have been contracted at 60% higher than last year. And can out our estimate if sulphuric acid prices recover (currently near US\$0/t).
- Aluminium expect recovery: Profitability hit near zero here in this quarter, but exit cost of production is at US\$1,172/t (\$200/t lower than 4Q average). Also, the company proposes closing down Balco 1 and plans to sell around 250MW of power on merchant basis. Our EBITDA estimate of this division for FY10E at Rs82mn is at risk for significant upward revision.
- Zinc business on track for margin expansion: We are building in an LME zinc price of US\$1,254 and a rupee/US\$ exchange rate of Rs46.5. At current levels, this represents around 20% upside in realisation and 18% to net profit.
- Power business new driver of earnings: The first phase of 600MW of the under construction 2,400MW merchant power plant will be operational in 3Q FY10. This could add marginally to our numbers in FY10, but by 20%+ in FY11.

Earnings and target price revision

No change.

Price catalyst

- 12-month price target: Rs518.00 based on a Sum of Parts methodology.
- Catalyst: Stable LME and possible earnings upgrades as Street builds in lower cost.

Action and recommendation

 Maintain Outperform: Sterlite remains our top pick in the metal space with its strong balance sheet (net cash of Rs173/sh), low cost structure (among lowest deciles globally for zinc and copper smelting) and, in our opinion, the best growth profile (50% capacity expansion in zinc and upcoming lucrative power business). We strongly reiterate our Outperform.

Please refer to the important disclosures and analyst certification on inside back cover of this document, or on our website www.macquarie.com.au/research/disclosures.

4Q results – strong comeback

Fig 1 Hit by lower LME but redefining costs

Rs mn	Q409	Q408	% chg YoY	Q309	% chg QoQ
Net Sales	44,060	67,659	-35%	45,362	-3%
EBITDA	8,392	21,746	-61%	5,653	48%
EBITDA Margin %	19%	32%		12%	
Depreciation	2,032	(269)	-856%	1,654	23%
Interest	1,312	908	44%	1,220	8%
PBT (Operations)	5,048	21,107	-76%	2,779	82%
Other income	3,940	5,918	-33%	5,852	-33%
PBT (Recurring)	8,988	27,025	-67%	8,632	4%
Exceptionals	(799)	528		145	
PBT (Reported)	9,786	26,497	-63%	8,486	15%
Tax	664	7,177		1,163	
Profit After Tax	9,122	19,320	-53%	7,323	25%
Minority interest	2,057	6,092	-66%	1,720	20%
Profit attributable to consolidated	5,983	13,228	-55%	5,137	16%
company					
EPS (Rs)	8.44	18.66	-55%	7.25	16%
Source: Macquarie Research, April 200	09				

In line with our full-year estimates

Fig 2 Depreciation – had one-offs

Rs mn	FY09	FY09E	YoY%
Net Sales	214,484	206,193	4%
EBITDA	50,083	48,636	3%
EBITDA Margin %	23%	24%	-1%
Depreciation	7,007	7,253	-3%
Interest	3,973	2,975	34%
PBT (Operations)	39,104	38,408	2%
Other income	18,501	18,553	0%
PBT (Recurring)	57,604	56,961	1%
Exceptionals	(553)	145	
PBT (Reported)	58,158	56,816	2%
Tax	8,550	8,339	3%
Profit After Tax	49,607	48,477	2%
Minority interest	12,671	13,094	-3%
Profit After Tax and minority	36,936	35,383	4%
EPS (Rs)	49.93	49.32	1%
Source: Macquarie Research, April 2009			

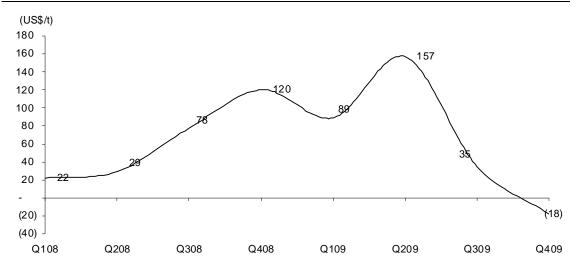
Zinc and copper rebound

Fig 3 Aluminium – will be next on recovery

Rs mn	4Q09	4Q08	% chg YoY	3Q09	% chg QoQ
Copper Division					
Gross revenue	22,600	33,761	-33%	25,780	-12%
EBITDA	2,900	7,035	-59%	980	196%
EBITDA margin	12.8%	20.8%		3.8%	
Aluminium Division Rs mn					
Revenue	8,130	11,267	-28%	8,360	-3%
EBITDA	30	4.181	-26% -99%	,	-3% -98%
==::=::		, -	-99%	1,620	-96%
EBITDA margin	0.4%	37.1%		19.4%	
Zinc Division					
Revenue	12,627	22,660	-44%	10,314	22%
EBITDA	5.551	14.810	-63%	2.673	108%
EBITDA margin	44%	65%		26%	
Source: Macquarie Research, Ap	oril 2009				

Sulphuric acid – rebound can lead to better copper smelting margins

Fig 4 Sulphuric acid realization



Source: Macquarie Research, April 2009

Sterlite Industries (S	ILI IN,	3Q/09A	rm, Targe 4Q/09E	1Q/10E	2Q/10E	Profit & Loss		2008A	2009E	2010E	2011E
Quarterly Results		3Q/09A	4Q/09E	1Q/10E	2Q/10E	Profit & Loss		2008A	2009E	2010E	2011E
Revenue	bn	45	35	36	32	Revenue	bn	246	207	158	194
Gross Profit	bn	8	8	9	8	Gross Profit	bn	81	56	38	51
Cost of Goods Sold	bn	38	28	28 7	24	Cost of Goods Sold	bn	165	150	120 31	144
EBITDA Depreciation	bn bn	6 2	7 2	2	6 1	EBITDA Depreciation	bn bn	74 8	49 7	31 7	42 9
Amortisation of Goodwill	bn	0	0	0	0	Amortisation of Goodwill	bn	0	0	0	0
Other Amortisation	bn	ő	Ö	0	Ö	Other Amortisation	bn	ő	0	0	0
EBIT	bn	4	4	5	5	EBIT	bn	66	42	24	34
Net Interest Income	bn	-1	-0	-1	-1	Net Interest Income	bn	-3	-3	-3	-3
Associates	bn	0	0	0	0	Associates	bn	0	0	0	0
Exceptionals	bn	0	0	0	0	Exceptionals	bn	0	0	0	0
Forex Gains / Losses	bn	0 6	0 5	0 4	0 4	Forex Gains / Losses Other Pre-Tax Income	bn	0 17	0 19	0 18	0 19
Other Pre-Tax Income Pre-Tax Profit	bn bn	9	9	9	8	Pre-Tax Profit	bn bn	80	57	39	49
Tax Expense	bn	-1	-1	-2	-1	Tax Expense	bn	-19	-8	-7	-12
Net Profit	bn	7	8	7	6	Net Profit	bn	61	49	32	37
Minority Interests	bn	-2	-3	-2	-1	Minority Interests	bn	-19	-14	-7	-9
Reported Earnings Adjusted Earnings	bn bn	5 5	6 6	6 6	5 5	Reported Earnings Adjusted Earnings	bn bn	42 42	35 35	25 25	28 28
EPS (rep)		7.46	8.00	8.19	7.13	EPS (rep)		59.74	49.89	35.63	39.92
EPS (adi)		7.46	8.00	8.19	7.13	EPS (adj)		59.74	49.89	35.63	39.92
EPS Growth yoy (adj)	%	-50.1	-46.4	-49.6	-60.8	EPS Growth (adj)	%	-19.9	-16.5	-28.6	12.0
						PE (rep)	x	6.4	7.7	10.7	9.6
						PE (adj)	х	6.4	7.7	10.7	9.6
EBITDA Margin	%	12.5 8.8	18.7	19.6 14.9	19.6	Total DPS Total Div Yield	%	4.00	4.50	5.00	5.50
EBIT Margin	% %	8.8 14.9	12.4 16.0	23.0	14.9 20.0	Weighted Average Shares	% m	1.0 709	1.2 709	1.3 709	1.4 709
Earnings Split Revenue Growth	%	-26.1	-42.2	-36.8	-53.5	Period End Shares	m	709	709	709	709
EBIT Growth	%	-75.7	-73.2	-67.4	-72.1	T GROW EING GROWING					. 00
Profit and Loss Ratios		2008A	2009E	2010E	2011E	Cashflow Analysis		2008A	2009E	2010E	2011E
Revenue Growth	%	1.0	-15.9	-23.3	22.7	EBITDA	bn	74	49	31	42
EBITDA Growth	%	-16.0	-34.0	-36.7	36.0	Tax Paid	bn	-19	-8	-7	-12
EBIT Growth	%	-18.6	-36.4	-43.8	42.5	Chgs in Working Cap	bn	2	26	-1	8
Gross Profit Margin EBITDA Margin	% %	33.0 30.3	27.3 23.7	24.2 19.6	26.0 21.7	Net Interest Paid Other	bn bn	-3 6	-3 18	-3 18	-3 19
EBIT Margin	%	26.8	20.3	14.9	17.3	Operating Cashflow	bn	60	82	38	54
Net Profit Margin	%	24.9	23.7	20.2	19.0	Acquisitions	bn	0	0	0	0
Payout Ratio	%	6.7	9.0	14.0	13.8	Capex	bn	-15	-15	-20	-27
EV/EBITDA	Х	1.4	2.2	3.5	2.5	Asset Sales	bn	0	0	0	0
EV/EBIT	Х	1.6	2.6	4.6	3.2	Other	bn	-116	0	0	0
Delever Object Better						Investing Cashflow	bn	-131	-15	-20	-27
Balance Sheet Ratios ROE	%	26.2	15.0	9.8	10.1	Dividend (Ordinary) Equity Raised	bn bn	-1 80	-3 0	-3 0	-4 0
ROA	% %	21.6	10.3	5.5	7.3	Debt Movements	bn	5	2	10	10
ROIC	%	44.3	22.1	12.9	15.3	Other	bn	0	0	0	0
Net Debt/Equity	%	-42.2	-52.1	-51.1	-49.2	Financing Cashflow	bn	84	-2	7	6
Interest Cover	Х	22.8	14.1	8.0	9.9						
Price/Book Book Value per Share	х	1.2 314.8	1.1 350.4	1.0 378.9	0.9 410.4	Net Chg in Cash/Debt	bn	13	66	25	32
						Balance Sheet		2008A	2009E	2010E	2011E
						Cash	bn	169	216	236	255
						Receivables	bn	16	11	10	12
						Inventories	bn	33	27	22	26
						Investments Fixed Assets	bn	0	0	0	0
						Intangibles	bn bn	124 0	115 0	127 0	145 0
						Other Assets	bn	52	47	45	47
						Total Assets	bn	394	417	440	485
						Payables	bn	0	0	0	0
						Short Term Debt	bn	0	0	0	0
						Long Term Debt	bn	51	52	62	72
						Provisions	bn	30	16	5	6
						Other Liabilities	bn b n	33	34	33	36
						Total Liabilities Shareholders' Funds	bn bn	115 223	102 248	100 268	115 291
						Minority Interests	bn bn	223 56	248 66	∠68 72	79
						Other	bn	0	0	0	0
						Total S/H Equity	bn	279	314	340	370 485
						Total Liab & S/H Funds	bn	394	417	440	485
All figures in INR unless noted. Source: Company data, Macqu		arch, April 200	9								

29 April 2009

Important disclosures:

Recommendation definitions

Macquarie - Australia/New Zealand

Outperform – return >5% in excess of benchmark return Neutral – return within 5% of benchmark return Underperform – return >5% below benchmark return

Macquarie - Asia/Europe

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

Macquarie First South - South Africa

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

Macquarie - Canada

Outperform – return >5% in excess of benchmark return
Neutral – return within 5% of benchmark return
Underperform – return >5% below benchmark return

Macquarie - USA

Outperform (Buy) – return >5% in excess of benchmark return (Russell 3000)

Neutral (Hold) – return within 5% of benchmark return (Russell 3000)

Underperform (Sell)– return >5% below benchmark return (Russell 3000)

Recommendations - 12 months

Note: Quant recommendations may differ from Fundamental Analyst recommendations

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 Australian/NZ/Canada stocks only

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 31 March 2009

AU/NZ	Asia	RSA	USA	CA	EUR
40.44%	49.55%	44.83%	38.49%	67.19%	43.84%
38.60%	15.57%	39.66%	46.43%	28.12%	39.04%
20.96%	34.88%	15.52%	15.08%	4.69%	17.12%
	40.44% 38.60%	40.44% 49.55% 38.60% 15.57%	40.44% 49.55% 44.83% 38.60% 15.57% 39.66%	40.44% 49.55% 44.83% 38.49% 38.60% 15.57% 39.66% 46.43%	40.44% 49.55% 44.83% 38.49% 67.19% 38.60% 15.57% 39.66% 46.43% 28.12%

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Auckland	Bangkok	Calgary	Hong Kong	Jakarta	Johannesburg	Kuala Lumpur
Tel: (649) 377 6433	Tel: (662) 694 7999	Tel: (1 403) 218 6650	Tel: (852) 2823 3588	Tel: (62 21) 515 1818	Tel: (2711) 583 2000	Tel: (60 3) 2059 8833
London	Manila	Melbourne	Montreal	Mumbai	Perth	Seoul
Tel: (44 20) 3037 4400	Tel: (63 2) 857 0888	Tel: (613) 9635 8139	Tel: (1 514) 925 2850	Tel: (91 22) 6653 3000	Tel: (618) 9224 0888	Tel: (82 2) 3705 8500
Shanghai	Singapore	Sydney	Taipei	Tokyo	Toronto	New York
Tel: (86 21) 6841 3355	Tel: (65) 6231 1111	Tel: (612) 8232 9555	Tel: (886 2) 2734 7500	Tel: (81 3) 3512 7900	Tel: (1 416) 848 3500	Tel: (1 212) 231 2500

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Macquarie Research **Equities**





Asia Research

Head of Equity Research	
Stephen O'Sullivan	(852) 3922 3566
Automobiles/Auto Parts	
Kenneth Yap (Indonesia) Clive Wiggins (Japan) Dan Lucas (Japan) Eunsook Kwak (Korea) Linda Huang (Taiwan) Banks and Non-Bank Financ	(6221) 515 7343 (813) 3512 7856 (813) 3512 6050 (822) 3705 8644 (8862) 2734 7521
Ismael Pili (Asia, Japan)	(813) 3512 5979
Nick Lord (Asia, China, Hong Kong) Sarah Wu (China) Seshadri Sen (India) Ferry Wong (Indonesia) Chin Seng Tay (Malaysia, S'pore) Nadine Javellana (Philippines) Matthew Smith (Taiwan) Alastair Macdonald (Thailand)	(852) 3922 4774 (8621) 2412 9035 (9122) 6653 3053 (6221) 515 7335 (65) 6231 2837 (632) 857 0890 (8862) 2734 7514 (662) 694 7741
Chemicals/Textiles	(0400) 0050 0040
Jal Irani (India) Christina Lee (Korea) Sunaina Dhanuka (Malaysia)	(9122) 6653 3040 (822) 3705 8670 (603) 2059 8993
Conglomerates	
Gary Pinge (Asia) Leah Jiang (China) Kenneth Yap (Indonesia) Ashwin Sanketh (Singapore)	(852) 3922 3557 (8621) 2412 9020 (6221) 515 7343 (65) 6231 2830
Consumer	
Mohan Singh (Asia) Jessie Qian (China, Hong Kong) Unmesh Sharma (India) Toby Williams (Japan) Heather Kang (Korea) HongSuk Na (Korea) Edward Ong (Malaysia) Alex Pomento (Philippines) Linda Huang (Taiwan)	(852) 3922 1111 (852) 3922 3568 (9122) 6653 3042 (813) 3512 7392 (822) 3705 8677 (822) 3705 8678 (603) 2059 8982 (632) 857 0899 (8862) 2734 7521
Emerging Leaders	
Jake Lynch (Asia) Minoru Tayama (Japan) Robert Burghart (Japan) Heather Kang (Korea)	(8621) 2412 9007 (813) 3512 6058 (813) 3512 7853 (822) 3705 8677
Industrials	
Inderjeetsingh Bhatia (India) Christopher Cintavey (Japan) Janet Lewis (Japan) Michael Na (Korea) Sunaina Dhanuka (Malaysia) David Gambrill (Thailand) Insurance	(9122) 6653 3166 (813) 3512 7432 (813) 3512 7475 (822) 2095 7222 (603) 2059 8993 (662) 694 7753
Mark Kellock (Asia) Seshadri Sen (Asia, India) Makarim Salman (Japan)	(852) 3922 3567 (9122) 6653 3053 (813) 3512 7421

Media	
Jessie Qian (China, Hong Kong) Shubham Majumder (India)	(852) 3922 3568 (9122) 6653 3049 (603) 2059 8989
Prem Jearajasingam (Malaysia) Alex Pomento (Philippines) Oil and Gas	(632) 857 0899
	(050) 2022 4604
David Johnson (Asia, China) Jal Irani (India)	(852) 3922 4691 (9122) 6653 3040
Polina Diyachkina (Japan)	(813) 3512 7886
Christina Lee (Korea)	(822) 3705 8670
Edward Ong (Malaysia)	(603) 2059 8982
Sunaina Dhanuka (Malaysia)	(603) 2059 8993
Ashwin Sanketh (Singapore) Pharmaceuticals	(65) 6231 2830
Abhishek Singhal (India)	(9122) 6653 3052
Naomi Kumagai (Japan)	(813) 3512 7474
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Elaine Cheong (Singapore)	(65) 6231 2839
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Patti Tomaitrichitr (Thailand)	
	(662) 694 7727
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Resources / Metals and Min Andrew Dale (Asia) Xiao Li (China) YeeMan Chin (China) Rakesh Arora (India) Adam Worthington (Indonesia) Polina Diyachkina (Japan) Christina Lee (Korea) Technology Warren Lau (Asia) Dohoon Lee (Hong Kong) Patrick Yau (Hong Kong) Damian Thong (Japan)	(852) 3922 3587 (852) 3922 4626 (852) 3922 3562 (9122) 6653 3054 (6221) 515 7338 (813) 3512 7886 (822) 3705 8670 (852) 3922 3592 (852) 3922 1119 (852) 3922 1264 (813) 3512 7877
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Wei Sim (China, Hong Kong)	(852) 3922 3598
Janet Lewis (Japan)	(813) 3512 7475
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Heather Kang (Korea)	(822) 3705 8677
Sunaina Dhanuka (Malaysia)	(603) 2059 8993
Utilities	,
Carol Cao (China, Hong Kong)	(852) 3922 4075
Adam Worthington (Indonesia)	(6221) 515 7338
Kakutoshi Ohori (Japan)	(813) 3512 7296
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Adam Rowley	(4420) 3037 4272
Max Layton	(4420) 3037 4273
Bonnie Liu	(8621) 2412 9008
Henry Liu	(8621) 2412 9005
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Richard Gibbs (Australia)	(612) 8232 3935
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Seshadri Sen (India)	(9122) 6653 3053
Ferry Wong (Indonesia)	(6221) 515 7335
Chris Hunt (Japan)	(813) 3512 7878
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Prem Jearajasingam (Malaysia)	(603) 2059 8989
Edward Ong (Malaysia)	(603) 2059 8982
Alex Pomento (Philippines)	(632) 857 0899
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Stuart Smythe (India)	(9122) 6653 3200
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Luke Sullivan (New York)	(1 212) 231 2507
Scot Mackie (New York)	(1 212) 231 2848
Sheila Schroeder (San Francisco)	(1 415) 835 1235
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Rob Fabbro (UK/Europe)	(44) 20 3037 4865
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Adam Zaki (Asia)	(852) 3922 2002
Mana Las (Llass Kass)	(052) 2022 2005

Sales Trading	
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Brendan Rake (India)	(9122) 6653 3204
Edward Robinson (London)	(44) 20 3037 4902

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