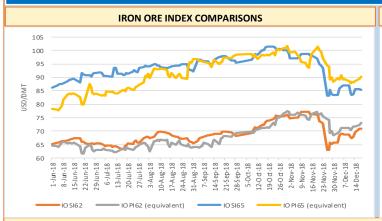
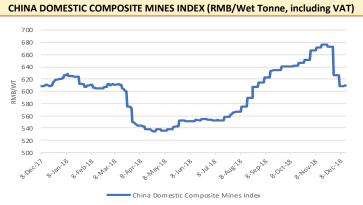


Daily	Iron Or	e Inde	x Repo	ort								Decer	mber 18	3, 201	8
						IRON ORE	PORT S	TOCK INDEX	(IOPI)						
ecember	18, 2018		FOT C	ingdao (in	c. 16% VAT), I	RMB/wet t	onne			CFR Qingd	ao Equiv	alent (exc. 16%	6 VAT), USD,	dry tonne	, 1
dex	Fe Content	Price	Change	Change %	MTD	YTD²	Low ²	High ²	Price	Change	Change	e % MTD	YTD²	Low ²	High ²
)PI62	62% Fe Fines	565	5	0.9%	551	508	443	603	73.08	0.74	1.0%	6 71.14	67.49	61.36	77.89
)PI58	58% Fe Fines	395	8	2.1%	386	359	304	419	49.94	1.12	2.3%	6 48.76	46.46	40.67	52.71
PI65	65% Fe Fines	691	5	0.7%	683	658	541	784	90.23	0.75	0.89	6 89.11	88.55	75.83	101.71
		IR	ON ORE SEA	ABORNE II	NDEX (IOSI)						MA	RKET COMM	ENTARY		
ecember	18, 2018			CFR Qin	gdao, USD/dr	y tonne			I			hines in Tangshan a			
dex	Fe Content	Price	Change	Change %	MTD	YTD ³	Low ³	High ³	l .			Tangshan may sligh ively low potentially			
)SI62	62% Fe Fines	70.95	-0.05	-0.1%	68.66	68.81	62.95	86.20	platform acti homes.	ivity was relativ	ely subdued	d today, though a fe	w floating price	transactions di	id find new
SI65	65% Fe Fines	85.50	-0.05	-0.1%	85.38	93.41	83.20	101.50							
						IRON ORE	PORT LI	UMP INDEX	(IOPLI)						
eek Endir	ng December 14		FOT C	Qingdao (in	c. 16% VAT),					CFR Qingd	ao Equiv	alent (exc. 16%	% VAT), USD,	dry tonne	1
ıdex	Fe Content	Price	W-o-W	Change %	MTD	YTD ³	Low ³	High ³	Price	W-oW	Chang	e % MTD	YTD ³	Low ³	High ³
PLI62	62.5% Fe Lump	743	-8	-1.1%	747	651	565	789	93.39	-1.16	-1.29	% 93.97	83.79	76.63	98.50
			IROI	N ORE DO	MESTIC CON	NCENTRAT	E SPOT P	PRICE ASSESS	SMENTS A	ND COMP	OSITE II	NDEX			
/eek Endi	ing December 1	4, 2018						iding tax) 4					(excluding t	ax) ⁴	
rovince	Region	Product	:	Basis	This week	Change		Low ²	High ²	Thi	s week	Change %	Low		High ²
ebei	Hanxing	66% Fe	Concentrate	Dry	651	1.1%		579	718	9	4.55	1.04%	84.0)9	104.28
ebei	Qian'an	65% Fe	Concentrate	Dry	705	2.2%		630	815	10	02.39	2.12%	91.5	50	118.37
iaoning	Anshan	65% Fe	Concentrate	Wet	535	0.0%		445	565	7	7.70	-0.05%	64.6	53	82.06
handong	Zibo	65% Fe	Concentrate	Dry	740	0.0%		620	815	10	07.47	-0.05%	90.0)5	118.37
/eek Endi	ing December 1	4, 2018			This week	Change	%	Low ⁵	High ⁵			ed: RMB/USD = 6.885 e applied: RMB/USD 6			
hina Mine	es Concentrate	Composite	Index RMB/	WT	610.24	0.2%		534.50	676.26	Weekly	excitatige rat	е арріїец. кічів/ОЗО (5.9206 Last 12 III	ionuis	
	IRON C	RE PORT	INDEX, FOT	QINGDA	O (RMB/WT)			IRON O	RE SEABO	RNE IN	DEX, CFR QING	GDAO (USD	/DMT)	
850 —								105							
750 —						N		95 —		D		~~~			
650 —				W		<u></u>	~	85		1000					
FF0 -		_~~				~~		7.5						~	
330				~~				75 —			~		Jan San San San San San San San San San S		~
450						~~~		65						V	
350		~~~						55							
250	0 0 0 0		0 0 1	2 0 0	0 0 0	2 2		45							
2.AQ1.18	"Wat's Wat's I'm'	6 Jun 2 Jul 26	Jul. 32 Jul. 25 Aug. 3	3 AUB 18 29 29 29 29 29 29 29 29 29 29 29 29 29	26 18 18 18 18 18 18 18 18 18 18 18 18 18	404.78 MO4.73 Dec	, NP	7.1m.18	29,111,12	1,18 111,10 AUR	20 AUR 18	septiseptis social	1900t.18	PRO1/30 HOV. 19	tanger 18
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	•	IO PI 6	52 ——10	PI 58	O PI 65					_	IOS	162 10 5	5165		
			IRC	ON ORE PO	ORT STOCK I	NDEX MO	NTHLY, C	QUARTERLY	AND YEAR	R-TO-DATE	AVERA	GES			
ecember	18, 2018		FOT (Qingdao (in	ıc. 16% VAT),	RMB/wet to	onne			CFR Qingo	lao Equiv	alent (exc. 16%	6 VAT), USD/	dry tonne	1
ıdex	Fe Content	August	September	October	November	MTD	QTD	YTD ²	August	Septembe	r Octob	er November	MTD	QTD	YTD ²
OPI62	62% Fe Fines	505	513	564	564	551	569	508	64.29	63.41	65.2	5 72.55	71.14	73.26	67.49
OPI58	58% Fe Fines	363	385	401	401	386	400	359	44.14	44.86	45.8	4 50.47	48.76	50.39	46.46
PI65	65% Fe Fines	701	732	760	760	683	735	658	82.19	85.29	92.13	3 99.05	89.11	95.68	88.55
IRO	N ORE SEABO	RNE INDE	X MONTHLY	, QUARTI	ERLY AND YE	EAR-TO-DA	TE AVE	RAGES				FREIGHT RA	TES		
ecember	18, 2018			CFR Qir	igdao, USD/di	ry tonne			December 1	7 2018		FREIGHT RA	TES - DRY BU	LK US\$/wet	tonne
adou.	Fe Content	August	September	October	November	MTD	QTD	YTD ³	Route	Desi	gnation	Change	Change %	Low ⁵	High ⁵
iuex	62% Fe Fines	67.89	68.79	72.31	72.91	68.66	71.75	68.81	W. Australia -	Qingdao	C5 8	3.74 -0.04	-0.42%	5.109	10.002
		94.04	96.48	98.97	94.05	85.38	94.21	93.41	Tubarao - Qing	gdao	C3 1	7.43 0.23	1.32%	12.705	24.76
OSI62	65% Fe Fines				ORT LUMB II	NIDEY MOI	NTHLY, C	DUARTERLY	AND YEAR	R-TO-DATE	AVERA	GES			
SI62	65% Fe Fines		IRO	ON ORE P	OKI LUIVIP II	INDEX INIOI		,							
OSI62 OSI65	65% Fe Fines				nc. 16% VAT),			,		CFR Qingo	lao Equiv	valent (exc. 169	% VAT), USD,	dry tonne	1
OSI62 OSI65 Veek Endir		August	FOT (Qingdao (ir		RMB/wet t		YTD ³				valent (exc. 169 per Novembe		dry tonne/	1 YTD²
OSI62 OSI65 Veek Endir	ng December 14	August 652	FOT (Qingdao (ir	nc. 16% VAT),	RMB/wet t	tonne					per Novembe		•	



December 18, 2018





IRON ORE BRAND SPOT PRICE ASSESMENTS

PORT STOCK INDEX (RMB/WT)					
Price	Change	Diff to IOPI62			
529	6	-36			
454	12	-111			
546	4	-19			
548	5	-17			
524	7	-41			
495	14	-70			
685	5	120			
516	13	-49			
564	7	-1			
474	4	-91			
	Price 529 454 546 548 524 495 685 516 564	Price Change 529 6 454 12 546 4 548 5 524 7 495 14 685 5 516 13 564 7			

December 18, 2018	SEABORNE INDEX (USD/DMT)				
	Price	Change	Diff to IOSI62		
Roy Hill	66.01	-0.05	-4.94		
SIMEC Fines	61.99	-0.05	-8.96		
PB Fines	70.41	-0.05	-0.54		
Newman Fines	72.94	-0.05	1.99		
MAC Fines	66.54	-0.05	-4.41		
Jimblebar Blended Fines	60.11	-0.05	-10.84		
Carajas Fines	84.91	-0.05	13.96		
Brazilian SSF	73.14	-0.05	2.19		
Brazilian Blend Fines	74.39	-0.05	3.44		
RTX Fines	62.11	-0.05	-8.84		

KIA FILLES	4/4	4	-91				
December 18, 2018	PORT STOCK INDEX (RMB/WT)						
	Price	Change	Diff to IOPI58				
SSF	352	8	-43				
FMG Blended Fines	398	8	3				
Robe River	413	8	18				
Western Fines	365	8	-30				
Atlas Fines	350	8	-45				
Yandi	446	8	51				

IRON ORE INDEX NORMALISATION DIFFERENTIALS

Port	Stock Index Product Differentials (RMB/wet tonr	ne)	Seaborne Index Product Differentials (UDS/dry tonne)			
	Applicable range	Value	Change		Applicable range	Value	Change
	High Grade Fe 60 - 63%	12.00	0.00		High Grade Fe 60 - 63%	2.75	0.00
	High Grade Fe 63 - 64%	40.00	0.00		High Grade Fe 63 - 64%	2.00	0.00
1% Fe	High Grade Fe 64 - 65%	40.00	0.00	1% Fe	High Grade Fe 64 - 65%	2.00	0.00
	High Grade Fe 65 - 65.5%	40.00	0.00		High Grade Fe 65 - 65.5%	2.00	0.00
	Low Grade Fe	15.00	0.00				
	High Fe Grade Al <2.25%	34.00	0.00		High Fe Grade Al <2.25%	4.75	0.00
1% Alumina	High Fe Grade Al 2.25-4%	53.00	0.00	40/ 41	High Fe Grade Al 2.25-4%	0.25	0.00
1% Alumina	Low Fe Grade Al <2.25%	83.00	0.00	1% Alumina			
	Low Fe Grade Al 2.25-4%	14.00	0.00				
	High Fe Grade Si <4%	2.00	0.00		High Fe Grade Si <4%	1.50	0.00
1% Silica	High Fe Grade Si 4-6.5%	44.00	0.00	1% Silica	High Fe Grade Si 4 - 6.5%	1.50	0.00
	Low Fe Grade	13.00	0.00				
0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>3.00</td><td>0.00</td><td>0.010/</td><td>High Fe Grade 0.09%<p<0.115%< td=""><td>0.25</td><td>0.00</td></p<0.115%<></td></p<0.115%<>	3.00	0.00	0.010/	High Fe Grade 0.09% <p<0.115%< td=""><td>0.25</td><td>0.00</td></p<0.115%<>	0.25	0.00
	High Fe Grade 0.115% <p<0.15%< td=""><td>5.00</td><td>0.00</td><td>0.01%</td><td>High Fe Grade 0.115%<p<0.15%< td=""><td>2.25</td><td>0.00</td></p<0.15%<></td></p<0.15%<>	5.00	0.00	0.01%	High Fe Grade 0.115% <p<0.15%< td=""><td>2.25</td><td>0.00</td></p<0.15%<>	2.25	0.00
Phosphorus	Low Fe Grade 0.09 <p<0.1%< td=""><td>2.00</td><td>0.00</td><td>Phosphorus</td><td></td><td></td><td></td></p<0.1%<>	2.00	0.00	Phosphorus			

	Port Stock Differentials to Qingdao Port (RMB/wet tonne)											
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change	
Bayuquan	-45.00	0.00	Fangcheng	-5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00	
Beilun	5.00	0.00	Jiangyin	-20.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00	
Caofeidian	-10.00	0.00	Jingtang	-10.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00	
Dalian	-45.00	0.00	Lanqiao	0.00	0.00	Nantong	-20.00	0.00	Tianjin	5.00	0.00	

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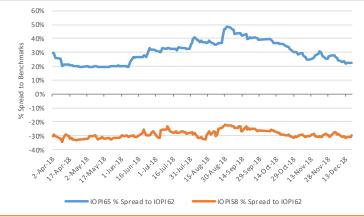
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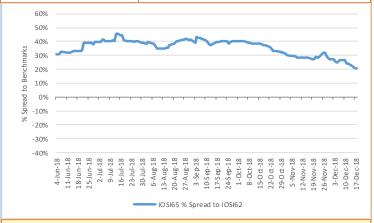
December 18, 2018

IRON ORE INDEX PREMIUMS/DISCOUNTS

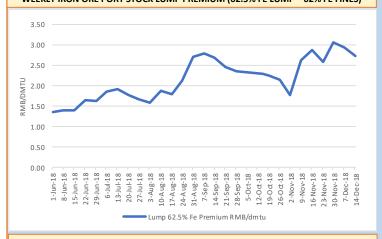
December 18, 2018	PORT STOCK II	NDEX (RMB/WT)		
Fe Content	Spread to IOPI62	% Spread to IOPI62		
58% Fe Fines	-170	-30.09%		
65% Fe Fines	126	22.30%		



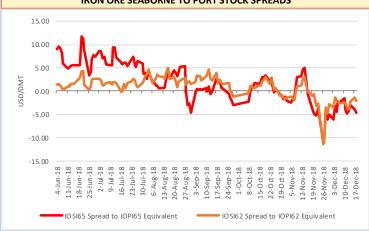
December 18, 2018 SEABORNE INDEX (USD/DMT) Fe Content Spread to IOSI62 % Spread to IOSI62 65% Fe Fines 14.55 20.51%



WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (62.5% FE LUMP—62% FE FINES)



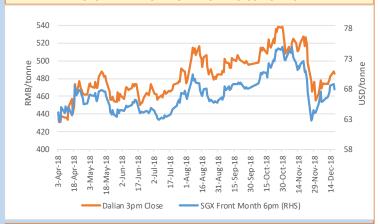
IRON ORE SEABORNE TO PORT STOCK SPREADS



TOTAL IRON ORE INVENTORIES AT CHINA PORTS



FUTURE TRADING—FRONT MONTH CLOSING PRICE



IRON ORE PORT INVENTORIES
Week Ending December 14, 2018 (million to

Week Ending December 14, 2018 (million tonnes)											
Province	This week	Change %	Low ⁴	High ⁴							
Jingtang	13.90	1.46%	13.29	19.00							
Qingdao	16.50	2.55%	16.09	19.97							
Caofeidian	18.45	-0.81%	16.70	25.30							
Tianjin	9.70	-1.02%	8.50	11.00							
Rizhao	14.95	1.36%	14.75	19.00							
Total (35 Ports)	128.22	0.39%	127.72	150.04							

IRON ORE FUTURES CONTRACTS

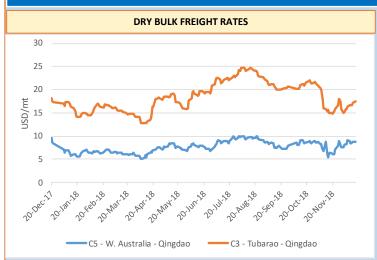
		DCE			SGX	
Closing Date	18 Dec 3pm close				18 Dec 6 pm	
Contract	11905	Change	Change %	Jan'18	Change	Change %
Closing Price	486.0	-2.5	-0.51%	67.93	-0.82	-1.19%
Vol traded ('000 lots)	71.82	-32.8	-31.37%	13.07	-2.12	-13.98%
Open positions ('000 lots)	57.95	-0.9	-1.48%	95.26	0.94	1.00%
Day Low	483.0	0.5	0.10%	67.88	-0.37	-0.54%
D. USA	400.0	2.0	0.440/	co = 4	0.40	0.250/

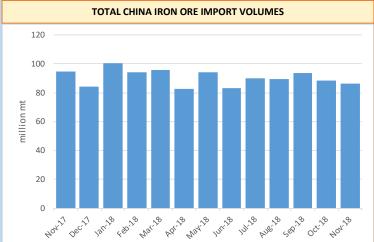
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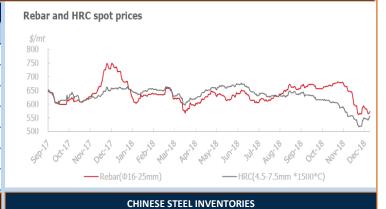
December 18, 2018





Steel Spot Market Prices - China

Steel Spot Market RMB/tonne			
Product	14/12/2018	Change	Change %
ReBar HRB400 ¢18mm	3,940.0	-59	-1.48%
Wirerod Q300 ¢6.5mm	4,040.0	-63	-1.54%
HRC Q235/SS400 5.5mm*1500*C	3,818.0	68	1.81%
CRC SPCC/ST12 1.0mm*1250*2500	4,253.0	-20	-0.47%
Medium & Heavy Plate Q235B 20mm	3,836.0	-20	-0.52%
GI ST02Z 1.0mm*1000*C	4,620.0	-5	-0.11%
Billet Q235 150*150mm	3,350.0	40	1.21%



CHINESE STEEL EXPORT PRICES China Export Prices USD/tonne Product Specification Change Export tax (+)/Vate rebate (-) 14/12/2018 BS4449 460B 12-25mm, + chrome -15 Rebar -13% 490 SAE1008 6.5-10mm +chrome Wire Rod -9% 500 -20 Hot-rolled coil SS400/Q235 4.0-10.mm 490 -5 Cold-rolled coil SPCC 1.0mm -13% 540 0 Medium & Heavy plate A-level Shipe plate 12-25mm 520 ST02Z/SGCC 1.0mm Galvanised 555

Note: Calculation formula for converting export prices of rebar, cold-rolled steel and galvanizing into prices in China's spot market = FOB* exchange rate*15/(16-0.5); Calculation formula for converting export prices of wire rod and hot-rolled steel into prices in hina's spot market = FOB* exchange rate *15/(16-0.99); Calculation formula for converting export prices of medium-thick plate into prices in China's spot market = FOB* exchange rate

Steel Inventories³ (unit: 1000 tonnes)											
Product	14/12/2018	7/12/2018	Change	Change %							
Rebar	2,974	2,931	43	1.47%							
Wirerod	1,005	978	27	2.76%							
Hot-rolled Coil	1,944	2,026	-82	-4.05%							
Medium & Thick Plate	995	1,021	-26	-2.55%							
Cold-rolled Coil	1,081	1,102	-21	-1.91%							
Total	7,999	8,058	-59	-0.73%							

³ SMM statistics cover inventories of major steel products in China's major markets: hot-rolled steel inventories in 33 major cities; rebar and wire inventories in 35 major cities; cold-rolled steel and medium-thick plate inventories in 31 major cities.

CHINESE STEEL MILL PROFITABILITY

SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)					
Category	Price	Change (WoW)	Note		
MMi (Fe 62%), USD/mt exluding tax	71.67	0.50	Mmi CFR Equivalent index for 12th October		
Coke	2,160	0	2nd grade met coke, Tangshan, incl. tax		
Steel Scrap	2,130	80	steel scrap (6mm) in Zhangjiagang, exl. tax		
Billet Cost	2,908	14	Q234, incl. tax		
Rebar cost - Blast furnace	3,175	12	calculated based on theoretical weight, incl. tax		
Rebar profit - Blast furnace	565	-102	based on Shanghai prices, incl. tax		
Hot-rolled coil cost - Blast furnace	3,233	14	based on actual w eight, incl. tax		
Hot-rolled coil proft - Blast furnace	587	76	based on Shanghai prices, incl. tax		

Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

 $2. The cost \ refers \ to \ average \ cost \ in \ the \ industry \ based \ on \ SMM's \ survey \ of \ small, medium \ and \ large \ mills \ in \ China \ or \ SMM's \ survey \ of \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ China \ or \ small, medium \ and \ large \ mills \ in \ china \ or \ small, medium \ and \ large \ mills \ in \ china \ or \ small, medium \ and \ large \ mills \ or \ small, medium \ and \ large \ mills \ or \ small, medium \ and \ large \ or \ small, medium \ and \ large \ or \ small, medium \ or \$

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IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS

			•							
Iron Ore Index Specifications (Port and Seaborne)						ex Compilation	Rational and Dat	ta Exclusions		
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indices are compiled from data provided by companies that are					
Fe %	65.00	62.00	58.00	62.50 part of the iron ore supply chain and involved in spot marke indices are calculated using detailed transaction-level data s						
Alumina %	1.40	2.25	2.25	1.50	these companies. This data is normalised to the appropriate specifications			specifications and		
Silica%	1.50	4.00	5.50	screened to remove outliers before volume-weighted average prices calculated from the remaining core set of data.				e prices are		
Phosphorus %	0.06	0.09	0.05	0.08 For more details on MMi's iron ore methodolog		nodology please dow	odology please download the guide			
Sulphur %	0.01	0.02	0.02	0.02		ublished on our website at: www.mmiprices.com				
Moisture %	8.00	8.00	9.00	4.00						
Cranular size helev 10 rem for at least 00% of source		Sino halaw 6 2mm may 150/	Data Exclusions*							
Sizing	Granular size below 10mm for at least 90% of cargo;		Size below 6.3mm max 15%		62%	58%	65%			
3121116	maximu	ım of 40% below 150) micron	Size above 31.15mm max 25%	Port Index	0	0	0		
					Seaborne index	1		1		
Pricing Point	Qingdao F	Port (FOT and CFR re	spectively)	FOT Qingdao Port	Lump Index 62.5	0				
Timing (Seaborne)	Loading within 4 weeks, Delivery within 8 weeks			Delivery within 2 weeks * Number of price submissions for iron ore indices that were excluded						
Payment Terms	I/C at sight			I/C at sight or CAD	index calculations today as they were anomalous and could not be verified					

IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

The compilation method for price index generally refers to the compilation method of CPI price index and other price indices, breakdown the price data and calculate the average value according to a certain method, taking the vertical axis as the regional composite index (average of different grade index) and the horizontal axis as the grade composite index (average of different regional index), a total composite index for domestic ore can be output ultimately. The process system is also adopted in the calculation i.e. each sub-index can be obtained as well.

AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS

PORT STOCK BRANDS						SEABORNE BRANDS					
December 18, 2018	SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENTS				SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENTS						
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.76%	2.35%	4.31%	0.060%	8.58%	Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%	SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%
PB Fines	61.57%	2.33%	3.61%	0.100%	9.35%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%
Newman Fines	62.25%	2.48%	4.18%	0.090%	7.99%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%
MAC Fines	60.82%	2.29%	4.69%	0.090%	7.44%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%
Jimblebar Blended Fines	61.37%	2.88%	4.19%	0.110%	6.82%	Jimblebar Blended Fines	61.79%	2.67%	4.08%	0.115%	7.16%
Carajas Fines	64.77%	1.21%	2.32%	0.060%	8.20%	Carajas Fines	65.10%	1.50%	1.70%	0.080%	8.50%
Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%	Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%
Brazilian Blend Fines	62.84%	1.47%	4.86%	0.070%	8.34%	Brazilian Blend Fines	62.50%	1.50%	5.00%	0.070%	7.00%
RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%	RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%
December 18, 2018 SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS											

December 18, 2018	SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS						
	Fe	Alumina	Silica	Phos	Moisture		
SSF	56.53%	3.06%	6.18%	0.050%	9.27%		
FMG Blended Fines	58.27%	2.68%	5.65%	0.060%	7.44%		
Robe River	56.63%	2.88%	1.85%	0.040%	9.09%		
Western Fines	57.73%	2.88%	7.25%	0.060%	7.45%		
Atlas Fines	56.59%	2.55%	7.14%	0.080%	8.46%		
Yandi	57.30%	1.37%	6.31%	0.040%	9.15%		

BLOOMBERG TICKERS

PORT STOCK INDICES						
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)				
IOPI62	IRCNQ001	IRCNQ004				
IOPI58	IRCNQ002	IRCNQ005				
IOPI65	IRCNQ003	IRCNQ006				

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