# SBB STEEL MARKETS DAILY

Volume 11 / Issue 126 / June 29, 2017

## Seaborne iron ore pricing charts further gains

Singapore—The seaborne iron ore market continued to firm Thursday, as stronger steel performance ushered in more buying interest among Chinese end-users.

S&P Global Platts assessed the 62% Fe Iron Ore Index (IODEX) at \$64.30/dry mt CFR North China Thursday, up \$1.30/dmt day on day. The front-month July IODEX swap was up \$1.15/dmt over the same period at \$64.15/dmt Thursday.

Buying interest for steel feedstock was heating up Thursday on stronger steel performance, and restocking activities continued in China.

The physical price of Tangshan steel square billet, a barometer of steel performance in China, was up a further Yuan 40/mt on day at Yuan 3,340/mt (\$491.61/mt) ex-stock Tangshan Thursday

"The market is swarmed with buyers," a Chinese trader said.

The same Chinese trader added that supply of prompt-arrival cargoes was tight, especially for July. Several sources said supply of Newman fines at northern China ports had thinned out, and mills were looking to secure Pilbara Blend fines as a productive feedstock to maintain productivity and steel output.

"There appears to be less Newman available, and mills are looking to get other medium-grade fines instead. Traders know this and are holding offers high," a Hebei-based mill source said.

Re-selling of contracted Newman tons from mills was heard to have slowed, and mills were keeping those cargoes for their own blast furnaces, sources said. This resulted in the recent strong demand for medium-grade fines in both the seaborne and port stock markets, pushing up tradeable levels.

(continued on page 2)

## **COKING COAL MARKET**

# Active China met coal market pushes up delivered prices

Singapore—The Asia-Pacific spot metallurgical coal market saw Chinese buyers procuring imported materials Thursday, in light of still-competitive pricing compared to domestic coals.

S&P Global Platts assessed Premium Low Vol FOB steady at \$147/mt Thursday, while delivered to China prices saw a \$2.50/mt uptick to \$158/mt CFR.

The Chinese market was the most active, with three new spot trades done — two for premium coals and one for PCI.

In the premium coal segment, there was a spot trade done Thursday for a half-Capesize vessel of Australian Premium Low-Vol HCC with 71-73% CSR at \$158-\$158.25/mt CFR China. This was for a mid-to-end-August laycan material.

The second trade was done Wednesday

(continued on page 3)

## PLATTS RAW MATERIAL ASSESSMENTS, JUNE 29

|   |               | Close/Midpoint | Change | % Chg |
|---|---------------|----------------|--------|-------|
| IODEX Iron ore fines 62% Fe (\$/dmt)                        |               |                |        |       |
| CFR North China   | 63.80-64.80   | 64.30          | 1.30   | 2.06  |
| Please see Platts complete iron price/netbacks table, p.3   |               |                |        |       |
| Coking coal, premium low vol (\$/mt)                        |               |                |        |       |
| FOB Australia   | 147.00        | 147.00         | 0.00   | 0.00  |
| CFR China   | 158.00        | 158.00         | 2.50   | 1.61  |
| Please see full metallurgical coal price/freight table, p.4 |               |                |        |       |
| Ferrous scrap   |               |                |        |       |
| HMS CFR Turkey, \$/mt                                       | 289.00-291.00 | 290.00         | 0.00   | 0.00  |
| HMS FOB Rotterdam, \$/mt                                    | 264.00-265.00 | 264.50         | 0.00   | 0.00  |
| A3, F0B Black Sea, \$/mt                                    | 265.00-266.00 | 265.50         | 0.00   | 0.00  |
| Shredded del Midwest US, \$/It                              | 290.00-300.00 | 295.00         | 0.00   | 0.00  |
| Shredded FOB East Coast, \$/mt                              | 272.00-275.00 | 273.50         | 7.00   | 2.63  |
| HMS del dock East Coast, \$/It                              | 190.00-240.00 | 215.00         | 0.00   | 0.00  |
| HMS FAS US West Coast, \$/mt                                | 229.00-231.00 | 230.00         | 0.00   | 0.00  |
|   |               |                |        |       |

## TSI RAW MATERIAL INDICES, JUNE 29, 2017

|   |        | Frequency    | Change | % Chg |
|---|--------|--------------|--------|-------|
| Iron ore fines 62% Fe                               |        |              |        |       |
| Chinese imports (CFR North China port), \$/dmt      | 62.90  | Daily        | 1.40   | 2.28  |
| Please see TSI's complete iron ore price table, p.2 |        |              |        |       |
| Coking coal   |        |              |        |       |
| Premium hard, Australian exports (FOB port), \$/mt  | 147.10 | Daily        | -0.30  | -0.20 |
| Premium JM25, Chinese imports (CFR port), \$/mt     | 153.70 | Daily        | -1.10  | -0.71 |
| Ferrous scrap                                       |        |              |        |       |
| HMS 182 80:20, Turkish imports (CFR port), \$/mt    | 290.00 | Daily        | 3.00   | 1.05  |
| Shredded, US domestic (del Midwest mill)*, \$/It    | 296.00 | Weekly (Fri) | 0.00   | 0.00  |
| Shredded, Indian imports (CFR port)*, \$/mt         | 292.00 | Weekly (Fri) | 0.00   | 0.00  |
| * Latest index is for week beginning June 19, 2017. |        | "CTCCI       | INIO   |       |

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But another mill source in central China said restocking may slow soon, as many endusers had completed their restocking when the price was on an uptrend earlier this week.

"I heard that average ore inventories among the mills have reached 25 days now, up from the 22 days earlier this week; there is little room for iron ore to move up," the central China mill source said.

Intensifying demand was also attributed to strong steel prices, and the expansion of any authorized blast furnace capacity, sources said.

"Steel production is expanding very rapidly, if there's any capacity left to start up, they will, an eastern China trader said. If steel supply subsequently overshoots, then margins will start to narrow in the second half of the year, the trader added.

#### HOLIDAY NOTICE: US INDEPENDENCE DAY

All S&P Global Platts offices in the US will be closed Monday, July 3 and Tuesday, July 4 in observance of the Independence Day holiday. There will be no US scrap or steel price assessments on both days, and the Steel Price Report will not be published. All TSI US indices will be published in Steel Markets Daily on July 3 and 4.

## TSI DAILY IRON ORE PRICE INDICES

## TSI DAILY IRON ORE INDICES, JUNE 29, 2017

|  | \$/dmt | Change | % Chg | Low*  | High*  |  |
|--|--------|--------|-------|-------|--------|--|
| 62% Fe fines, 3.5% AI, CFR Tianjin port      | 62.90  | 1.40   | 2.28  | 53.00 | 94.50  |  |
| 58% Fe fines, 1.5% AI, CFR Qingdao port      | 45.50  | 0.70   | 1.56  | 40.20 | 77.70  |  |
| 62% Fe fines, 2% AI, CFR Qingdao port        | 61.70  | 1.40   | 2.32  | 52.90 | 94.90  |  |
| 63.5/63% Fe fines, 3.5% AI, CFR Qingdao port | 64.10  | 1.40   | 2.23  | 54.20 | 96.10  |  |
| 65% Fe fines, 1% AI, CFR Qingdao port        | 79.20  | 1.00   | 1.28  | 57.20 | 107.10 |  |

<sup>\*</sup> Past 12 months

## PER 1% Fe DIFFERENTIALS, \$/dmt

|                  | \$/dmt | Change |
|------------------|--------|--------|
| Range: 61-64% Fe | 1.10   | 0.00   |
| Range: 56-59% Fe | 1.00   | 0.00   |

## FOB NETBACK PER ROUTE / BASIS TSI 62% FE, 3.5% AI FINES

| Origin      | Vessel Type | FOB (\$/dmt) | Change | % Chg |
|-------------|-------------|--------------|--------|-------|
| W.Australia | Capesize    | 58.20        | 1.30   | 2.28  |
| India       | Supramax    | 54.70        | 1.13   | 2.11  |
| Brazil      | Capesize    | 50.90        | 0.70   | 1.39  |

## ROLLING AVERAGES, \$/dmt

|  | 5-0ay | Monthly | quarterly |
|--|-------|---------|-----------|
| 62% Fe fines, 3.5% AI, CFR Tianjin port      | 59.00 | 55.69   | 61.97     |
| 58% Fe fines, 1.5% AI, CFR Qingdao port      | 44.18 | 42.27   | 46.38     |
| 62% Fe fines, 2% AI, CFR Qingdao port        | 57.80 | 55.34   | 62.01     |
| 63.5/63% Fe fines, 3.5% Al, CFR Qingdao port | 60.20 | 56.89   | 63.25     |
| 65% Fe fines, 1% Al, CFR Qingdao port        | 75.62 | 71.15   | 75.47     |
|  |       |         |           |

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After market close, Brazilian miner Vale sold 160,000 mt of Carajas fines at \$79.30/dmt CFR Qingdao, final loading date June 17 from Ponta da Madeira to Qingdao. The transaction was done after 5:30 pm Singapore time (0930 GMT).

Expected quality was: 65.87% Fe, 1.54% silica 02, 1.32% alumina, 0.053% phosphorus, 8.2% moisture, 2.31% loss-on-ignition, and 0.190% manganese, according to sources earlier notified by the miner.

The spread between the Platts 65% Fe iron ore assessment and IODEX narrowed to \$14.50/dmt Thursday, from \$14.90/dmt a day ago.

BHP Billiton sold a 110,000 mt cargo of 60.8% Fe Mining Area C via bilateral negotiation at \$58.01/dmt CFR Qingdao, loading over July 18-27. The transaction was reported after the market closed at 5:30 pm ( 0930 GMT) Thursday.

Iron ore futures traded on the Dalian Commodity Exchange strengthened Thursday, with the most liquid September contract last trading at Yuan 477/dmt (\$70.21/dmt), up 19.50/mt day on day, and settling at Yuan 471/dmt, up Yuan 14.50/dmt over the same period.

Steel rebar futures pushed upward, with the most actively traded October contract on the Shanghai Futures Exchange last traded at Yuan 3,297/dmt (\$485.28/dmt), up Yuan 18/mt day on day, and last settled at Yuan 3,291/mt, up Yuan 33/mt over the same period.

The recent gain in iron ore price has led to a 10 cent/dmt increase in the differential per 1% Fe, for cargoes within the range of 60-63.5% Fe content, at \$1.15/dmt Thursday.

— <u>Melvin Yeo and Sui Ling Phang</u>

## **COKING COAL MARKET**

...from page 1

for a Panamax-size vessel of Australian Premium Low-Vol HCC with 67-69% CSR, but with relatively low vitrinite content at \$148/ mt CFR China. This was for an end-July laycan material, done at the same price as a similar cargo reported Wednesday.

All the end-users who accounted for the purchases indicated that though spot import prices have seen an increase, they were still cheaper than Chinese domestic-equivalent materials. One of them indicated that July laycans had good demand, as spot supply was relatively limited.

"It [Imports] are cheaper than domestic [coals]," another end-user said.

There was also increasing talk that the combination of import restrictions for grade II ports, Chinese miners cutting coal production and the uptick in coke prices suggested that, at least in the short term, there would not be any price decline, which could explain why import interests were still strong.

The confluence of these factors was also responsible for the sudden surge in coking coal futures prices on the Dalian Commodity

## PLATTS DAILY IRON ORE PRICE ASSESSMENTS

## PLATTS DAILY IRON ORE ASSESSMENTS, JUNE 29

|                               | \$/dmt      | Midpoint | Change | % Chg |  |
|-------------------------------|-------------|----------|--------|-------|--|
| IODEX 62% Fe CFR North China  | 63.80-64.80 | 64.30    | 1.30   | 2.06  |  |
| 65% Fe CFR North China        | 78.30-79.30 | 78.80    | 0.90   | 1.16  |  |
| 58% Fe low AI CFR North China | 53.00-54.00 | 53.50    | 0.90   | 1.71  |  |
| 58% Fe* CFR North China       | 39.25-40.25 | 39.75    | 0.90   | 2.32  |  |

<sup>\*</sup>AI = 4.0% max

## PER 1% DIFFERENTIALS (Range 60-63.5% Fe), \$/dmt

|                      | Within Min-Max                        | \$/dmt | Change |
|----------------------|---------------------------------------|--------|--------|
| Per 1% Fe            | 60-63.5% Fe                           | 1.15   | 0.10   |
| Per 1% Alumina       | 1-2.5% Al <sub>2</sub> O <sub>3</sub> | 1.90   | 0.00   |
| Per 1% Silica        | 4.5-6.5% SiO <sub>2</sub>             | 1.90   | 0.00   |
|                      | 6.5-9% SiO <sub>2</sub>               | 4.80   | 0.00   |
| Per 0.01% Phosphorus | 0.09-0.12% P                          | 0.50   | 0.00   |

## PLATTS WEEKLY IRON ORE LUMP PREMIUM SPOT ASSESSMENT, JUNE 28

|                              | \$/dmtu       | Midpoint | Change |
|------------------------------|---------------|----------|--------|
| Spot lump premium assessment | 0.1995-0.2005 | 0.2000   | 0.0040 |

## **PELLET PREMIUMS**

| Weekly CFR China 65% Fe spot assessment* | <b>\$/dmt</b><br>28.00 | Change<br>-2.00 |  |
|--|------------------------|-----------------|--|
| *assessed June 28                        |                        |                 |  |
| Estimated contract provisional pricing   |                        |                 |  |
| Atlantic Blast Furnace 65% Fe (Jun)      | 45.00                  | 0.00            |  |
| Direct Reduction 67.5% (Jun)             | 54.50                  | 0.00            |  |

## FOB NETBACKS PER ROUTE / BASIS IODEX 62% Fe

|                 |             | Freight rate |              |                |
|-----------------|-------------|--------------|--------------|----------------|
| Route           | Vessel Type | (\$/wmt)     | Moisture (%) | IODEX (\$/dmt) |
| Australia       | Capesize    | 5.15         | 8.03         | 58.70          |
| India West      | Panamax     | 7.75         | 8.11         | 55.87          |
| India West      | Handymax    | 9.00         | 8.11         | 54.51          |
| India East      | Handymax    | 9.50         | 8.00         | 53.97          |
| Brazil          | Capesize    | 12.00        | 9.00         | 51.11          |
| NW Europe (CFR) | Capesize    | 5.35         | 9.00         | 56.99          |
| South Africa    | Capesize    | 9.00         | 3.00         | 55.02          |

Reference ports are Port Hedland, Mormugao, Haldia/Paradip, Tubarao, Rotterdam (CFR), Saldanha Bay. NW Europe IODEX netback is calculated by adding Tubarao to Rotterdam Capesize freight to IODEX Brazil netback.

## FREIGHT DIFFERENTIALS TO MAJOR IMPORT PORTS, \$/wmt

## From Qingdao on a Free Out basis

| To North China: Caofeidian, Tianjin & Xingang | 0.15  |  |
|---|-------|--|
| To East China: Beilun                         | -0.25 |  |
| To South China: Zhanjiang & Fangcheng         | -0.30 |  |

## **ROLLING MONTHLY AVERAGE, \$/dmt**

IODEX 62% Fe 56.91

## WEEKLY MANGANESE ORE (\$/dmtu)

|                               | \$/dmtu | Weekly change | Assessed  |  |
|-------------------------------|---------|---------------|-----------|--|
| 44% Manganese Ore CIF Tianjin | 6.18    | -0.02         | 23-Jun-17 |  |
| 37% Manganese Ore CIF Tianjin | 5.23    | -0.02         | 23-Jun-17 |  |

Exchange, which saw prices surge by 8%, sources said.

Meanwhile, there was an on-the-water cargo of Australian Semi-Premium HCC with 66-69% CSR offered at \$153-\$155/mt CFR China.

In the second-tier coal market, a sell-side source indicated he would seek to raise his offer to \$148/mt CFR China, up \$2-\$3/mt from a previous offer, due to improved market sentiment. This was for a Rangal HCC with 57-59% CSR with below-8% ash for a Julylavcan material.

Another offer for the same brand of material was available on flat-to-1% premium over Platts HCC 64 CFR China, also for July laycan.

Participants saw the price spread for such a coal with Australian Rangal 60-63% CSR, also with below-8% ash, at a discount of \$1-\$3/mt.

Meanwhile, there was spot availability for a Capesize of Australian 55-57% CSR with 10-11% ash for end-August laycan. The material was heard indicatively offered at around \$130/mt FOB Australia.

The PCI market saw a spot trade done on Thursday for 80,000 mt of Australian 13-14% VM and 9-10% ash material at \$102.50-\$103/mt FOB Australia, with a mid-August laycan.

Ample supply of spot PCI was said to be a reason why PCI prices were weak, unlike the other metallurgical coal segments, a market source said.

Meanwhile, in the international market, sources said there was little or muted demand outside China, with most watching the Chinese market for trade activity.

In India, several buyers said there was limited demand at present, with the monsoon season ongoing and the GST ruling due to take effect next week. "I don't see an ex-China market. It is a CFR China market now; prices will follow China demand," said an Indian steelmaker, adding he does not require coals now.

He said while there may be some short-term uncertainty from buyers with regard to the GST ruling effect next week, this was not expected to have much impact on raw material procurement. "This only affects the downstream — it's not an impediment to me," he said.

"If anyone buys now it is likely they will wait until after the GST ruling to kick in to see if there are any effects," said an end-user.

Another Asian steel mill buyer said he was not looking for coals now, having procured enough earlier.

An international trader source said they had received inquiries from overseas markets such as India, but said he had not heard firm interest.

In the export coke market, a trader source said there was procurement interest stirring in India and Europe. "Now when buyers hear that the prices are going up, they are scurrying to buy," he said, adding that he saw tradeable value of 65%/62% CSR coke at no less than \$270/mt FOB China.

— Edwin Yeo and Elizabeth Low

## PLATTS DAILY METALLURGICAL COAL ASSESSMENTS, JUNE 29

Asia-Pacific coking coal (\$/mt)

|                       | FOB<br>Australia | CFR<br>China | CFR<br>India | Australia | Change<br>China | India |  |
|-----------------------|------------------|--------------|--------------|-----------|-----------------|-------|--|
| HCC Peak Downs Region | 148.00           | 159.50       | 158.90       | 0.00      | 2.50            | 0.10  |  |
| Premium Low Vol       | 147.00           | 158.00       | 157.90       | 0.00      | 2.50            | 0.10  |  |
| HCC 64 Mid Vol        | 135.80           | 145.25       | 146.70       | 0.15      | 0.25            | 0.25  |  |
| Low Vol PCI           | 102.80           | 112.25       | 113.70       | -1.10     | -1.00           | -1.00 |  |
| Mid Tier PCI          | 100.80           | 110.25       | 111.70       | -1.10     | -1.00           | -1.00 |  |
| Semi Soft             | 92.80            | 102.25       | 103.70       | 0.15      | 0.25            | 0.25  |  |

Atlantic coking coal (\$/mt)

|                            | FOB US<br>East Coast | Change | VM    | Ash  | s     |
|----------------------------|----------------------|--------|-------|------|-------|
| Low Vol HCC                | 144.50               | 0.00   | 19%   | 8%   | 0.80% |
| High Vol A                 | 148.50               | 0.00   | 32%   | 7%   | 0.85% |
| High Vol B                 | 131.00               | 0.00   | 34%   | 8%   | 0.95% |
|                            | CFR                  |        |       |      |       |
|                            | NW Europe            | Change | VM    | Ash  | S     |
| Premium Low Vol NetForward | 155.05               | 0.10   | 21.5% | 9.3% | 0.50% |

Detailed methodology and specifications are found here: <a href="http://platts.com/IM.Platts.Content/MethodologyReferences/MethodologySpecs/metcoalmethod.pdf">http://platts.com/IM.Platts.Content/MethodologyReferences/MethodologySpecs/metcoalmethod.pdf</a>

#### Dry bulk freight assessments

| Route               | Vessel Class | Freight rate (\$/mt) | Change |  |
|---------------------|--------------|----------------------|--------|--|
| Australia-China     | Capesize     | 6.45                 | 0.20   |  |
| Australia-Rotterdam | Capesize     | 8.05                 | 0.10   |  |
| Australia-China     | Panamax      | 9.45                 | 0.10   |  |
| Australia-India     | Panamax      | 10.90                | 0.10   |  |
| USEC-India          | Panamax      | 20.75                | 0.00   |  |
| USEC-Rotterdam      | Panamax      | 9.25                 | 0.00   |  |
| USEC-Brazil         | Panamax      | 8.00                 | 0.00   |  |

East Australia: basis Hay Point port. USEC: basis Hampton Roads. See methodology for further details.

#### PCC Met (Platts China Coal – Metallurgical) (Yuan/mt)\*

|  | Ex-washplant | Free-on<br>-Rail | DDP<br>Tangshan | CFR China<br>equiv. (\$/mt) |
|--|--------------|------------------|-----------------|-----------------------------|
| PCC Met Shanxi Premium Low Vol             | 1210         | 1245             | 1440            | 164.70                      |
| PCC Met Shanxi High Sulfur Premium Low Vol | 965          | 1000             | 1195            |                             |
| PCC Met North China Fat Coal               | _            | _                | 1330            |                             |
| PCC Met Shanxi PCI                         | 715          | 750              | 950             |                             |
| PCC Met Shandong Semi Soft                 | 850          | 870              | _               |                             |
| PCC Met Rail Freight Shanxi – Tangshan     | 220          |                  |                 |                             |
| PCC Met Truck Freight Shanxi – Tangshan    | 230          |                  |                 |                             |

<sup>\*</sup>weekly (assessed June 28)

## North China prompt port stock prices

|                  | Ex-stock Jingtang<br>(Yuan/mt, incl VAT) | CFR Jingtang<br>equivalent (\$/mt)** |  |
|------------------|--|--------------------------------------|--|
| Premium Low Vol* | 1270.00                                  | 155.31                               |  |
| HCC 64 Mid Vol*  | 1150.00                                  | 140.28                               |  |

<sup>\*</sup>weekly (assessed June 23), 20-day delivery from date. \*\*ex-stock price, net of port charges, import tax and VAT Source: Platts

The assessed price of HCC Peak Downs® originates with Platts and is based on price information for a range of HCCs with a CSR>67% normalized to the standard of HCC Peak Downs® (CSR 74%). Peak Downs® is a registered trade mark of BM Alliance Coal Operations Pty Limited "BMA". This price assessment is not affiliated with or sponsored by BMA in any way.

## METALLURGICAL COKE

## Seaborne

|   | %CSR  | \$/mt   | Change | % Chg |  |
|---|-------|---------|--------|-------|--|
| FOB North China                         | 66/65 | 271.50  | 5.00   | 1.88  |  |
| FOB North China                         | 62    | 268.00  | 5.00   | 1.90  |  |
| CFR India                               | 62    | 279.50  | 5.00   | 1.82  |  |
| Domestic                                |       |         |        |       |  |
|   |       | Yuan/mt |        |       |  |
| DDP North China (weekly)                | 62    | 1810.00 | 50.00  | 2.84  |  |
|   |       | \$/mt   |        |       |  |
| FOB North China equivalent (DDP weekly) | 62    | 273.12  | 8.37   | 3.16  |  |

## **SCRAP MARKET**

## Export spike firms US ferrous scrap suppliers' July stance

Pittsburgh—The steady rise in US bulk scrap export sales to Turkey over the second-half of June has put the US scrap outlook on firmer footing in a US domestic market preparing to break for an extended holiday weekend.

Since the conclusion of the June scrap buy week, US bulk sales to Turkey have trended from \$274/mt CFR HMS 80:20 basis on June 7, to \$277/mt on June 14, \$281/mt on June 22 and this week a US East Coast exporter sold at \$290/mt CFR Turkey.

Based on inland freight from the East Coast to the Midwest, one supplier believed coastal shredders would have to achieve \$300-\$305/lt delivered mill to warrant selling shredded scrap into the domestic market.

"These mills are already paying \$295 or less," he said. "I don't think the East Coast shredders are going to be offering and selling the scrap like they have been doing for months now, into the Ohio Valley and Indiana. Shred may be everywhere, but if you were previously relying on shredded scrap from the East Coast, you are not going to get it."

He added that shred has a "slim-to-none" chance of moving higher in July.

The rise in export prices has reduced the likelihood of a falling market in July that had been previously forecast by market sources. Mill cancellations for June scrap had yet to be heard on a widespread basis and some mills were in the market on Thursday seeking to secure deals with scrap suppliers on a pricingto-be-determined basis.

"It is demand driven, there are regional hot spots and weak spots too," one supplier said. "Overall it is stable."

Significant shortages in railcar availability are further complicating matters and multiple dealers are reporting falling well short on their June shipments because of lack of railcars.

"The mindset is for a sideways trade, especially now with these new, higher export sales," another supplier said. "Demand across the country should remain relatively stable from June, which is a good thing."

Prime scrap prices have remained about \$70/It above shredded scrap prices since March, a spread that had been expected to contract during the first half of the year. The spread expanded in June and there remains a possibility for a further expansion in July.

"Primes could definitely go up," a scrap dealer said. "Melt shops in the US have probably done as many adjustments as they can to absorb all the shred. Shred flows are good, even with price drops."

With the Fourth of July Independence Day holiday falling on Tuesday, most market sources agree discussions for July scrap will begin July 5 and conclude over July 6-7.

## PLATTS CHINA PLV, MET COKE PRICE DIFFERENTIALS

| Price spreads                                | \$/mt |  |
|--|-------|--|
| Import-Shanxi Premium Low Vol CFR China      | -9.20 |  |
| Import-port stock Premium Low Vol CFR China  | -0.56 |  |
| 62% CSR coke export-domestic FOB North China | -5.12 |  |

## **COKING COAL SWAPS ASSESSMENT, JUNE 29**

|                                      | \$/mt   | Change | % Chg |  |
|--------------------------------------|---------|--------|-------|--|
| Platts Premium Low Vol FOB Australia |         |        |       |  |
| Jul 17                               | 151.000 | 0.00   | 0.00  |  |
| Aug 17                               | 157.000 | 6.00   | 3.97  |  |
| Sep 17                               | 157.000 | 6.00   | 3.97  |  |
| Q3 2017                              | 155.000 | 4.00   | 2.65  |  |
| Q4 2017                              | 152.500 | 4.00   | 2.69  |  |
| 01 2018                              | 147.000 | 3.00   | 2.08  |  |
| 2018                                 | 147.000 | 3.00   | 2.08  |  |

## IODEX 62% Fe CFR NORTH CHINA OTC SWAPS ASSESSMENT, JUNE 29

|               |        |        |       | 01111011 |  |
|---------------|--------|--------|-------|----------|--|
| IODEX 62%     | \$/dmt | Change | % Chg | TSI 62   |  |
| Jun 17        | NA     | NA     | NA    | NA       |  |
| Jul 17        | 64.150 | 1.150  | 1.83  | 1.000    |  |
| Aug 17        | 62.900 | 1.000  | 1.62  | 1.000    |  |
| Sep 17        | 62.000 | 0.900  | 1.47  | 1.000    |  |
| 03 2017       | 63.000 | 1.000  | 1.61  | 1.000    |  |
| Q4 2017       | 60.250 | 0.600  | 1.01  | 1.000    |  |
| Q1 2018       | 58.700 | 0.450  | 0.77  | 1.000    |  |
| Calendar 2018 | 57.250 | 0.400  | 0.70  | 1.000    |  |

Detailed methodology and specifications are found here: www.platts.com/IM.Platts.Content/MethodologyReferences/

## PENALTIES & PREMIA: DIFFERENTIALS (\$/mt)

|                         | Within<br>Min-Məx | % of Premium Low Vol FOB<br>Australia assessment price | Net value<br>(\$/mt) |  |
|-------------------------|-------------------|--|----------------------|--|
| Per 1% CSR              | 60-71%            | 0.50%  | 0.74                 |  |
| Per 1% VM (air dried)   | 18-27%            | 0.50%  | 0.74                 |  |
| Per 1% TM (as received) | 8-11%             | 1.00%  | 1.47                 |  |
| Per 1% Ash (air dried)  | 7-10.5%           | 1.50%  | 2.21                 |  |
| Per 0.1%S (air dried)   | 0.3-1%            | 1.00%  | 1.47                 |  |

#### US low-vol HCC Penalties & Premia; Differentials (\$/mt)

|                         | Within<br>Min-Max | % of US low-vol HCC FOB<br>USEC assessment price | Net value<br>(\$/mt) |  |
|-------------------------|-------------------|--|----------------------|--|
| Per 1% CSR              | 50-64%            | 0.50%  | 0.72                 |  |
|                         | 40-49%            | 0.40%  | 0.58                 |  |
| Per 0.1% S              | 0.70-1.05%        | 0.75%  | 1.08                 |  |
|                         | 1.06-1.25%        | 1.00%  | 1.45                 |  |
| Per 1% TM (as received) | 6.0-11.0%         | 1.00%  | 1.45                 |  |
| Per 1% Ash              | 5.0-10.0%         | 1.75%  | 2.53                 |  |

"Seems like primes will be tight and shred is oversupplied," a broker said. "It should be interesting next week, I don't really see the market moving for July."

— Nicholas Tolomeo

## Baltic sales show Turkish ferrous scrap imports stable

London—Turkish ferrous scrap pricing moved sideways Thursday, as the trading level was reaffirmed by Baltic producers.

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S&P Global Platts assessed HMS I/II 80:20 at \$290/mt on Thursday, stable from Wednesday.

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A Baltic cargo was sold into Iskenderun, containing 27,000 mt of 80:20 at \$290/mt and 8,000 mt of bonus material at \$300/mt. The cargo was set for August shipment, according to a source close to the transaction.

Also included in Thursday's assessment was a cargo booked late Wednesday at \$290/ mt ex-Baltic. This was reported by Platts on Wednesday, but it was discovered after the

4:30 pm assessment close.

Increases in the scrap market were driven by limited availability, stronger domestic rebar prices and strong Chinese steel/iron ore pricing, according to a Turkish steelmaker.

Domestic rebar sales were now at \$465/mt ex-works, according to a Turkish steel trader, who also said the domestic market was driving scrao increases.

"Sales will now be at slightly higher prices, maybe \$295/mt," he said.

Exporters saw an increase in the cards, as a European seller said he had received bids at \$290/mt on Thursday, but he had declined.

— <u>Simon Price</u>

## **IRON ORE MARKET**

## Capesize freight rates stabilize amid slack fixing activity

Singapore—Capesize freight rates in the Asia-Pacific and Atlantic regions were mostly rangebound Thursday.

On the Western Australia-Qingdao route, Classic Maritime was heard to have fixed a Capesize vessel from west coast Australia to Qingdao for July 13-15 laycan at \$5.45/wmt basis their terms.

Rio Tinto was heard seeking a Capesize vessel from Dampier to Qingdao for July 13-15 laycan, bidding at \$5/wmt against offers seen at \$5.10/wmt. It was later heard to have fixed a Capesize vessel at \$5/wmt, but details could not be verified.

The freight rate for a Capesize vessel to move iron ore from Port Hedland in Western Australia to Qingdao was assessed at \$5.15/wmt Thursday, down 10 cents from Wednesday.

Hyundai Glovis was heard seeking a Capesize vessel on a time charter trip for delivery at Far East and redelivery at Singapore-Japan range for early July loading dates.

Vale was heard to have fixed a RWE Capesize vessel from Teluk Rubiah to Qingdao for July 8-9 laycan at \$3.80-\$3.85/wmt, but further details could not be confirmed. In the Atlantic, RWE was heard to have fixed MV Prosper Sunwaito from Tubarao to Qingdao for July 20 onwards loading dates at around \$12.00/wmt.

The freight rate for a Capesize vessel to move iron ore from Tubarao to Qingdao was assessed at \$12/wmt Thursday, unchanged from Wednesday. From South Africa, no fresh cargoes or fixtures were heard reported. The freight rate for a Capesize vessel to move iron ore to Qingdao loading from Saldanha Bay was assessed at \$9/wmt Thursday, unchanged from Wednesday.

— <u>Staff</u>

## SBB-SMD RAW MATERIALS REFERENCE PRICES

|   | \$/mt  | Change | % Chg |
|---|--------|--------|-------|
| Coke and coal   |        |        |       |
| Charcoal - Brazil domestic (Real/mt)^                         | 490.00 | 0.00   | 0.00  |
| Iron  |        |        |       |
| SGX 62% Fe Iron Ore cash-settled swaps (dry mt) - front month | 61.85  | 2.28   | 3.83  |
| Iron ore concentrate 66% Fe dry - China domestic (Yuan/mt)*   | 615.00 | 10.00  | 1.65  |
| Atlantic Basin iron ore pellets*** FOB Basis (\$ cents/dmtu)  | 145.28 | -14.39 | -9.01 |
| Pig iron - FOB - Black sea export*                            | 330.00 | 0.00   | 0.00  |
| Pig iron - FOB Ponta da Madeira - Brazil export**             | 360.00 | 0.00   | 0.00  |
| HBI - Venezuela export**                                      | 195.00 | -15.00 | -7.14 |
|   |        |        |       |

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\*Weekly ^Fortnightly \*\*Monthly \*\*\*Reflects estimated monthly price term contract delivery

## SBB-SMD FERROUS SCRAP REFERENCE PRICES

|  | Price     | Change | % Chg |
|--|-----------|--------|-------|
| Scrap, Europe/Turkey   | (£/mt)    |        |       |
| OA (plate & structural) - UK domestic, delivered*  | 191.50    | 27.00  | 16.41 |
|  | (\$/mt)   |        |       |
| Shredded - delivered - N. Europe domestic, delivered   | 287.05    | 8.51   | 3.06  |
| Shredded - delivered - S. Europe domestic, delivered*  | 285.63    | 5.78   | 2.07  |
| Scrap, Asia*   | (\$/mt)   |        |       |
| H2 - del Okayama - Tokyo Steel purchase price, at works gate   | 221.01    | -21.70 | -8.94 |
| H2 - del Utsunomiya - Tokyo Steel purchase price, at works gate  | 221.01    | -17.20 | -7.22 |
| Heavy - Shanghai - China domestic  | 221.10    | -20.45 | -8.47 |
| HMS 1/2 80:20 CFR - East Asia import*  | 277.50    | 4.00   | 1.46  |
| Shredded Scrap CFR India*  | 295.00    | 0.00   | 0.00  |
| Shindachi Bara - del Okayama - Tokyo Steel purchase (list) price   | 239.05    | -21.64 | -8.30 |
| Shindachi Bara - del Utsunomiya -Tokyo Steel purchase (list) price   | 234.54    | -17.16 | -6.82 |
| Shredded scrap A (auto) - del Okayama -<br>Tokyo Steel purchase (list) price   | 225.52    | -21.68 | -8.77 |
| Shredded scrap A (auto) - del Utsunomiya -<br>Tokyo Steel purchase (list) price  | 225.52    | -17.19 | -7.08 |
| H2 F0B Japan (Yen/mt)*   | 26250.00  | 0.00   | 0.00  |
| Scrap, Americas  | (\$/lt)   |        |       |
| #1 Busheling - N. America domestic, del, Midwest US*   | 370.00    | 0.00   | 0.00  |
| HMS 1/2 - N. America domestic, del Midwest US*   | 275.00    | 0.00   | 0.00  |
| Plate & Structural - N. America domestic, del Midwest US*  | 295.00    | 0.00   | 0.00  |
|  | (Real/mt) |        |       |
| HMS 1/2 - Brazil S.E. domestic*  | 440.00    | 0.00   | 0.00  |
| Clean Steel Scrap - Brazil S.E. domestic, delivered*   | 450.00    | 0.00   | 0.00  |
| Turnings - Brazil S.E. domestic, delivered*  | 335.00    | 0.00   | 0.00  |
| Difference and the condense of |           |        |       |

Prices monthly unless otherwise noted. \*Weekly

#### TSI FERROUS SCRAP INDICES

|  | Price   | Change | % Chg |
|--|---------|--------|-------|
| Turkish imports  | (\$/mt) |        |       |
| HMS 1&2 80:20, deep-sea (CFR Iskenderun port)                    | 290.00  | 3.00   | 1.05  |
| Shredded, deep-sea (CFR Iskenderun port)*                        | 281.00  | 3.00   | 1.08  |
| Plate and Structural, deep-sea (CFR Iskenderun port)*            | 286.00  | 3.00   | 1.06  |
| A3, short-sea (CFR Marmara port)*                                | 266.00  | 3.00   | 1.14  |
| US domestic  | (\$/lt) |        |       |
| Shredded, US domestic (del Midwest mill)*                        | 296.00  | 0.00   | 0.00  |
| Shredded, US domestic monthly 10 day avg. (del Midwest mill)**   | 296.00  | -13.00 | -4.21 |
| Taiwanese imports  | (\$/mt) |        |       |
| HMS 1&2 80:20, containerized (CFR Taiwanese port)*               | 249.00  | -1.00  | -0.40 |
| Indian imports   | (\$/mt) |        |       |
| Shredded, containerized (CFR West Coast Indian port)*            | 292.00  | 0.00   | 0.00  |
| *Wholely arise letest index is for week beginning, June 10, 2017 |         |        |       |

\*Weekly price, latest index is for week beginning June 19, 2017

<sup>\*\*</sup>Monthly price, latest index for June, published June 12, 2017

## **FERROALLOYS MARKET**

# Molybdenum prices continue to slide

London—Molybdenum prices continued to slip Thursday on powder business in Asia and consumer tenders in Europe.

Oxide powder sales were reported in Busan at \$7.20/lb, \$7.25/lb and \$7.30/lb, and \$7.30/lb was reported in the US. A briquettes tender in Italy had offers at \$7.45/lb, while a consumer was said to have bought ferromolybdenum at \$18.10/kg. Market participants said offers may have been made for 63% minimum ferromolybdenum.

Market participants said offers in Europe were heard at \$7.40/lb and \$7.30/lb, but producers were said to be short of offers. "The best offer I had was \$7.30," one European trader said.

Others said Europe was very quiet and there was no demand for powder. A second European trader said he was not offering in the market, but was also not receiving any inquiries — only talk of where prices could be.

"It's a conflicted market. Lots of people are talking too much," a second European trader said. In Asia, one Chinese trader source said he was expecting prices to move up and was considering buying oxide powder. Others were less optimistic. A second Chinese trader said: "The market is quiet and I'm not going to offer now. Will wait till it is clearer."

The Platts daily dealer oxide assessment was at \$7.20-\$7.35/lb from \$7.25-\$7.35/lb previously. The daily European ferromolybdenum assessment was also lower at \$18.20-\$18.50/kg from \$18.50-\$18.70/kg.

European ferromolybdenum sales were reported at \$18.40/kg and \$18.50/kg for 10 mt lots. Firm offers were heard at \$18.20/kg, which many said was too low.

— <u>Jitendra Gill and Hongmei Li in Singapore</u>

# Spot ferrosilicon offers rise on depleting Chinese stocks

Singapore—Spot offers for 75% Si ferrosilicon rose this week, as Chinese offers rose on stable Chinese domestic demand which has depleted stocks and reduced availability, industry sources said Thursday.

The Chinese yuan had strengthened against the dollar this week, giving FOB China offers a lift, the sources added.

The dollar was trading at Yuan 6.794 Thursday, compared with Yuan 6.8197 last Thursday.

S&P Global Platts raised its Chinese 75% Si ferrosilicon price assessment to \$1,130-\$1,170/mt FOB China Thursday, up from \$1,120-\$1,160/mt last week.

Platts assessed Japanese spot ferrosilicon CIF price at \$1,200-\$1,230/mt CIF Japan, up from \$1,130-\$1,170/mt CIF Japan last week.

## **ASSESSMENT RATIONALES**

Hard Coking Coal (64 Mid Vol) FOB Australia Assessment Rationale: Platts assessed HCC 64 Mid Vol up 15 cents to \$145.25/mt FOB Australia Thursday. The assessment was calculated after accounting Panamax freight from HCC 64 Mid Vol CFR China, which was up 25 cents to \$145/mt. Panamax freight was assessed up \$0.10/mt to \$9.45/mt. The highest bid was for a Rangal HCC with 60%-63% CSR at \$145/mt CFR China. This was for a coal assessed at parity to Platts HCC 64 Mid Vol CFR China. No data was excluded from the assessment.

The above rationale applies to Platts HCC 64 Mid Vol FOB Australia assessment, with the associated data code: HCCAU00

Hard Coking Coal (Premium Low Vol) FOB Australia Assessment Rationale: Platts assessed Premium Low-Vol HCC flat at \$147/mt FOB Australia Thursday. The lowest offer heard was at \$153/mt FOB Australia for Australian Premium Low-Vol HCC with 67%-69% CSR, 23%-24% VM. This was for a coal assessed at a \$2.50/mt discount to Platts PLV FOB Australia. The highest bid was at \$146/mt for an Australian Premium Low Vol HCC with 71%-73% CSR, assessed at parity to Platts PLV FOB Australia. No data was excluded from this assessment.

The above rationale applies to Platts premium low vol FOB Australia assessment, with the associated data code: PLVHA00

Iron Ore 62% Fe CFR North China (Platts IODEX) Assessment Rationale: S&P Global Platts assessed the 62% Fe Iron Ore Index at \$64.30/dmt CFR North China Thursday, up \$1.30/dmt from a day ago, based on a Pilbara Blend trade that proved prices had risen from a day ago. Rio Tinto sold a 61% Fe Australian Pilbara Blend fines cargo at \$62.81/dmt CFR Qingdao, loading over July 23-August 1, for 170,000 mt. Taking into account iron content, impurity adjustments and the 10 cents premium PB fines currently commands over other brands, the trade normalized to \$64.31/dmt on IODEX specifications. A 60.80% Fe Australian Mining Area C (MAC) fines firm offer was heard at \$59/dmt CFR North China on COREX, loading over July 26-August 4, for 110,000 mt, according to sources with access to the platform. Taking into account iron content, impurity adjustments and a \$4.08/dmt discount to other medium grade brands, the offer normalized to \$64.72/dmt on IODEX specifications. The MAC fines offer normalized to higher than the PB trade on an IODEX basis. The flat physical structure was maintained from a day ago. No market data was excluded from the June 29 assessment.

The above rationale applies to Platts 62% Fe IODEX, with the associated market data code: IODBZ00

Turkish Ferrous Scrap Assessment Rationale: S&P Global Platts assessed Turkish imports of premium heavy melting scrap I/II (80:20) at \$290/mt CFR Thursday, stable from Wednesday. A Baltic merchant sold a cargo to an Iskenderun EAF-based producer, containing 27,000 mt of 80:20 at \$290/mt CFR and 8,000 mt of P&S at \$300/mt CFR. This was confirmed by a source close to the deal as for August shipment. A second August shipment trade was confirmed Wednesday evening. This cargo was sold by another Baltic merchant to another Iskenderun steelmaker, containing 19,000 mt of 80:20 at \$290/mt CFR, 3,500 mt of shred at \$295/mt CFR and 3,500 mt of bonus at \$300/mt CFR. An Asian trader said this put the market firmly at \$290/mt, while a Turkish trader said the market had reached \$290/mt CFR and would increase soon. According to a European merchant, bids of \$290/mt CFR had been made on Thursday, but he rejected them. A Turkish producer believed market fundamentals supported scrap at \$290/mt. No data was excluded from the assessment.

The above rationale applies to Platts assessment of premium HMS I/II (80:20) imported into Turkey, with the associated market data code: FETKD00

"FOB offers are up this week. I'm offering at \$1,170/mt FOB, up from \$1,160/mt last week," a northwest China-based trader said. "The supply is still tight as plants' stocks remain low. Ex-work offers are steady at Yuan 5,600-5,700/mt (\$826-\$841/mt) and delivered to Tianjin port offers are also steady around Yuan 6,000/mt. However, the yuan is up, lifting the FOB offer."

Chinese ferrosilicon exports are subject to a 20% export tax.

Another northwest China-based trader kept his offers steady at \$1,150/mt FOB, while a northwest China-based producer, who produces for his own consumption, said FOB offers should be higher this week due to the stronger yuan, despite steady ex-works offers

around Yuan 5,800/mt.

A southeast Asia trader and a South Korean trader also heard supply was generally tight in the market. The South Korean said mainstream market offers were around \$1,170/mt FOB.

Japan's electric arc furnace steelmakers agreed with suppliers to set July or July-September purchase prices at Yen 131-132/kg delivered, which comes to around \$1,180-\$1,200/mt CIF, the traders said.

Russian and Malaysian offers were not heard in the spot market.

"I am seeing \$1,200/mt CIF Japan as a tradeable level," said a Japanese producer source who was not offering spot.

— <u>Alvin Yee with Mayumi Watanabe in Tokyo</u>

## **OTHER NEWS**

# Arvedi told to cut Trieste pig iron production due to dust

London—The regional authority of Friuli Venezia Giulia in northeast Italy has told Arvedi to reduce production at its sole blast furnace steel mill in Trieste due to high dust levels, an official notice dated Wednesday said.

It said the region took the decision because its analysis showed dust levels exceeding the limit set by the pre-authorization environmental act, signed by the Italian government. Arvedi did not immediately comment on the matter when contacted.

Arvedi has to limit monthly continuous casting of pig iron to a maximum of 290 units as well as the overall production of pig iron at 34,000 mt/month, according to the note seen by Platts. As a result, the facility will reduce its coke consumption. Arvedi relies mainly on scrap and metallics.

According to Platts sources, Arvedi in Trieste currently produces around 42,000-43,000 mt/month of pig iron from 350 continuous casting units. Arvedi has to notify the local authorities within five days from the act signed by the region that it has limited production as requested.

Arvedi bought the Servola mill in Trieste from Lucchini in 2014. Overall, Arvedi is targeting production of 4.8 million mt of finished steel, after a new electric arc furnace was installed at its Cremona headquarters at the end of April. The company had steel production of just over 4.3 million mt last year.

Its new EAF will be fed with pig iron produced in Servola.

- Annalisa Villa

## **ASIA**

## Moly price impact mixed on Luming's month-long shutdown

Singapore—China's molybdenum market was divided Thursday over the impact of Yichun Luming Mining's month-long shutdown on domestic molybdenum prices.

Some Chinese market participants said the impact would be minimal, as Chinese stainless producers have stocked up for the next two months, while others said it would result in supply tightness in July and pressure prices higher.

Yichun Luming Mining, a key molybdenum concentrate producer with a 30% domestic market share in northeast China's Heilongjiang province, shut its concentrating and processing facilities Wednesday for monthlong maintenance, a company official confirmed.

"The maintenance was planned earlier

## PLATTS STEEL INDUSTRY ASSESSMENTS, JUNE 29

| Asia   State   State |                             |               | Close/Midpoint | Change | % Chg |
|--|-----------------------------|---------------|----------------|--------|-------|
| SS400 F0B China         460.00-463.00         461.50         2.50         0.54           SAE1006 Premium         10.00         10.00         0.00         0.00           Reinforcing bar F0B China         \$/mt         ***           FOB China         445.00-446.00         445.50         0.00         0.00           Europe         ***           Hot-rolled coil         Eur/mt         ***         ***         ***         ***           Ex-works, Ruhr         485.00-495.00         490.00           | Asia                        |               |                |        |       |
| SAE1006 Premium         10.00         10.00         0.00         0.00           Reinforcing bar FOB China         \$/mt         445.00-446.00         445.50         0.00         0.00           Europe         Europe           Hot-rolled coil         Eur/mt         Ex-works, Ruhr         485.00-495.00         490.00         0.00         0.00           CIF Antwerp         455.00-460.00         457.50         0.00         0.00         0.00           Plate         Eur/mt         Ex-works, Ruhr*         555.00-560.00         557.50         0.00         0.00         0.00           Plate         Eur/mt         Ex-works, Ruhr*         555.00-560.00         557.50         0.00 <td>Hot-rolled coil</td> <td>\$/mt</td> <td></td> <td></td> <td></td>  | Hot-rolled coil             | \$/mt         |                |        |       |
| Symt    | SS400 FOB China             | 460.00-463.00 | 461.50         | 2.50   | 0.54  |
| FOB China  | SAE1006 Premium             | 10.00         | 10.00          | 0.00   | 0.00  |
| Europe   Eur/mt   E | Reinforcing bar             | \$/mt         |                |        |       |
| Hot-rolled coil   Eur/mt   | FOB China                   | 445.00-446.00 | 445.50         | 0.00   | 0.00  |
| Ex-works, Ruhr 485.00-495.00 490.00 0.00 0.00 0.00 CIF Antwerp 455.00-460.00 457.50 0.00 0.00 0.00   | Europe                      |               |                |        |       |
| CIF Antwerp  | Hot-rolled coil             | Eur/mt        |                |        |       |
| \$/mt FOB Black Sea  | Ex-works, Ruhr              | 485.00-495.00 | 490.00         | 0.00   | 0.00  |
| FOB Black Sea         445.00-455.00         450.00         0.00         0.00           Plate         Eur/mt         Ex-works, Ruhr*         555.00-560.00         557.50         0.00         0.00           CIF Antwerp*         505.00-510.00         507.50         -15.00         -2.87           *weekly (assessed June 23)           Reinforcing bar         Eur/mt         Ex-works, NW Eur         416.00-426.00         421.00         0.00         0.00           *S/mt           FOB basis Turkey         428.00-432.00         430.00         0.00         0.00           Billet         \$/mt         **S/mt         **S/m  | CIF Antwerp                 | 455.00-460.00 | 457.50         | 0.00   | 0.00  |
| Plate         Eur/mt           Ex-works, Ruhr*         555.00-560.00         557.50         0.00         0.00           CIF Antwerp*         505.00-510.00         507.50         -15.00         -2.87           *weekly (assessed June 23 )           Reinforcing bar           Eur/mt           Ex-works, NW Eur         416.00-426.00         421.00         0.00         0.00           */mt           FOB basis Turkey         428.00-432.00         430.00         0.00         0.00           Billet         \$/mt           FOB Black Sea         402.00         402.00         1.00         0.25           North America           Hot-rolled coil         \$/st           Ex-works, Indiana         600.00-620.00         610.00         5.00         0.83           CIF, Houston         540.00-550.00         545.00         0.00         0.00           Plate         \$/st           Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00  |                             | \$/mt         |                |        |       |
| Ex-works, Ruhr* 555.00-560.00 557.50 0.00 0.00 CIF Antwerp* 505.00-510.00 507.50 -15.00 -2.87 *weekly (assessed June 23)  Reinforcing bar Eur/mt Ex-works, NW Eur 416.00-426.00 421.00 0.00 0.00  \$/mt  FOB basis Turkey 428.00-432.00 430.00 0.00 0.00  Billet \$/mt FOB Black Sea 402.00 402.00 1.00 0.25  North America  Hot-rolled coil \$/st Ex-works, Indiana 600.00-620.00 610.00 5.00 0.83 CIF, Houston 540.00-550.00 545.00 0.00 0.00  Plate \$/st Ex-works, US SE 700.00-720.00 710.00 0.00 0.00  Reinforcing bar \$/st Ex-works, US SE 515.00-540.00 527.50 0.00 0.00 0.00   | FOB Black Sea               | 445.00-455.00 | 450.00         | 0.00   | 0.00  |
| CIF Antwerp* 505.00-510.00 507.50 -15.00 -2.87 *weekly (assessed June 23 )  Reinforcing bar Eur/mt  Ex-works, NW Eur 416.00-426.00 421.00 0.00 0.00  \$/mt  FOB basis Turkey 428.00-432.00 430.00 0.00 0.00  Billet \$/mt  FOB Black Sea 402.00 402.00 1.00 0.25  North America  Hot-rolled coil \$/st  Ex-works, Indiana 600.00-620.00 610.00 5.00 0.83  CIF, Houston 540.00-550.00 545.00 0.00 0.00  Plate \$/st  Ex-works, US SE 700.00-720.00 710.00 0.00 0.00  Reinforcing bar \$/st  Ex-works, US SE 515.00-540.00 527.50 0.00 0.00  | Plate                       | Eur/mt        |                |        |       |
| *weekly (assessed June 23 )  Reinforcing bar Eur/mt  Ex-works, NW Eur 416.00-426.00 421.00 0.00 0.00  \$/mt  FOB basis Turkey 428.00-432.00 430.00 0.00 0.00  Billet \$/mt  FOB Black Sea 402.00 402.00 1.00 0.25  North America  Hot-rolled coil \$/st  Ex-works, Indiana 600.00-620.00 610.00 5.00 0.83  CIF, Houston 540.00-550.00 545.00 0.00 0.00  Plate \$/st  Ex-works, US SE 700.00-720.00 710.00 0.00 0.00  CIF, Houston 580.00-600.00 590.00 0.00  Reinforcing bar \$/st  Ex-works, US SE 515.00-540.00 527.50 0.00 0.00   | Ex-works, Ruhr*             | 555.00-560.00 | 557.50         | 0.00   | 0.00  |
| Reinforcing bar         Eur/mt           Ex-works, NW Eur         416.00-426.00         421.00         0.00         0.00           \$/mt           FOB basis Turkey         428.00-432.00         430.00         0.00         0.00           Billet         \$/mt           FOB Black Sea         402.00         402.00         1.00         0.25           North America           Hot-rolled coil           Ex-works, Indiana         600.00-620.00         610.00         5.00         0.83           CIF, Houston         540.00-550.00         545.00         0.00         0.00           Plate         \$/st         Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00   | CIF Antwerp*                | 505.00-510.00 | 507.50         | -15.00 | -2.87 |
| Ex-works, NW Eur 416.00-426.00 421.00 0.00 0.00  \$/mt  FOB basis Turkey 428.00-432.00 430.00 0.00 0.00  Billet \$/mt  FOB Black Sea 402.00 402.00 1.00 0.25  North America  Hot-rolled coil \$/st  Ex-works, Indiana 600.00-620.00 610.00 5.00 0.83  CIF, Houston 540.00-550.00 545.00 0.00 0.00  Plate \$/st  Ex-works, US SE 700.00-720.00 710.00 0.00 0.00  CIF, Houston 580.00-600.00 590.00 0.00  Reinforcing bar \$/st  Ex-works, US SE 515.00-540.00 527.50 0.00 0.00  | *weekly (assessed June 23 ) |               |                |        |       |
| \$/mt           FOB basis Turkey         428.00-432.00         430.00         0.00         0.00           Billet         \$/mt   | Reinforcing bar             | Eur/mt        |                |        |       |
| FOB basis Turkey         428.00-432.00         430.00         0.00         0.00           Billet         \$/mt         \$/mt <th< td=""><td>Ex-works, NW Eur</td><td>416.00-426.00</td><td>421.00</td><td>0.00</td><td>0.00</td></th<>   | Ex-works, NW Eur            | 416.00-426.00 | 421.00         | 0.00   | 0.00  |
| Billet         \$/mt           FOB Black Sea         402.00         402.00         1.00         0.25           North America           Hot-rolled coil         \$/st           Ex-works, Indiana         600.00-620.00         610.00         5.00         0.83           CIF, Houston         540.00-550.00         545.00         0.00         0.00           Plate         \$/st           Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00  |                             | \$/mt         |                |        |       |
| FOB Black Sea 402.00 402.00 1.00 0.25  North America  Hot-rolled coil \$/st  Ex-works, Indiana 600.00-620.00 610.00 5.00 0.83  CIF, Houston 540.00-550.00 545.00 0.00 0.00  Plate \$/st  Ex-works, US SE 700.00-720.00 710.00 0.00 0.00  CIF, Houston 580.00-600.00 590.00 0.00 0.00  Reinforcing bar \$/st  Ex-works, US SE 515.00-540.00 527.50 0.00 0.00  | FOB basis Turkey            | 428.00-432.00 | 430.00         | 0.00   | 0.00  |
| North America  Hot-rolled coil  Ex-works, Indiana 600.00-620.00 610.00 5.00 0.83 CIF, Houston 540.00-550.00 545.00 0.00 0.00  Plate  \$/st  Ex-works, US SE 700.00-720.00 710.00 0.00 0.00 CIF, Houston 580.00-600.00 590.00 0.00  Reinforcing bar Ex-works, US SE 515.00-540.00 527.50 0.00 0.00  | Billet                      | \$/mt         |                |        |       |
| Hot-rolled coil         \$/st           Ex-works, Indiana         600.00-620.00         610.00         5.00         0.83           CIF, Houston         540.00-550.00         545.00         0.00         0.00           Plate         \$/st           Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar         \$/st           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00   | FOB Black Sea               | 402.00        | 402.00         | 1.00   | 0.25  |
| Ex-works, Indiana         600.00-620.00         610.00         5.00         0.83           CIF, Houston         540.00-550.00         545.00         0.00         0.00           Plate           Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00   | North America               |               |                |        |       |
| CIF, Houston         540.00-550.00         545.00         0.00         0.00           Plate           Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar         \$/st           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00  | Hot-rolled coil             | \$/st         |                |        |       |
| Plate         \$/st           Ex-works, US SE         700.00-720.00         710.00         0.00         0.00           CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar         \$/st           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00  | Ex-works, Indiana           | 600.00-620.00 | 610.00         | 5.00   | 0.83  |
| Ex-works, US SE     700.00-720.00     710.00     0.00     0.00       CIF, Houston     580.00-600.00     590.00     0.00     0.00       Reinforcing bar     \$/st       Ex-works, US SE     515.00-540.00     527.50     0.00     0.00  | CIF, Houston                | 540.00-550.00 | 545.00         | 0.00   | 0.00  |
| CIF, Houston         580.00-600.00         590.00         0.00         0.00           Reinforcing bar         \$/st           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00   | Plate                       | \$/st         |                |        |       |
| Reinforcing bar         \$/st           Ex-works, US SE         515.00-540.00         527.50         0.00         0.00   |                             | 700.00-720.00 | 710.00         | 0.00   | 0.00  |
| Ex-works, US SE 515.00-540.00 527.50 0.00 0.00   | CIF, Houston                | 580.00-600.00 | 590.00         | 0.00   | 0.00  |
| ,  | Reinforcing bar             | \$/st         |                |        |       |
| CIF, Houston 478.00-487.00 482.50 0.00 0.00  | Ex-works, US SE             | 515.00-540.00 | 527.50         | 0.00   | 0.00  |
|  | CIF, Houston                | 478.00-487.00 | 482.50         | 0.00   | 0.00  |

## EUROPE AND US COLD-ROLLED COIL ASSESSMENTS, JUNE 29

|                   | Eur/mt        | Close/Midpoint | Change | % Chg |  |
|-------------------|---------------|----------------|--------|-------|--|
| Ex-works, Ruhr    | 585.00-595.00 | 590.00         | 0.00   | 0.00  |  |
| CIF Antwerp       | 550.00-560.00 | 555.00         | 0.00   | 0.00  |  |
|                   | \$/mt         |                |        |       |  |
| FOB Black Sea     | 495.00-505.00 | 500.00         | 0.00   | 0.00  |  |
|                   | \$/st         |                |        |       |  |
| Ex-works, Indiana | 790.00-800.00 | 795.00         | 0.00   | 0.00  |  |
| CIF, Houston      | 620.00-640.00 | 630.00         | 0.00   | 0.00  |  |

this year and no deliveries of previously signed contracts will be affected," the official said.

He denied market talk that the shutdown was due to a fatal accident at a mine associated with the facilities.

Sources in China's domestic market also claimed routine maintenance at a processing plant should not take more than two weeks.

Yichun Luming had been operating at its full processing capacity of 50,000 mt/day, or 15 million mt/year, prior to the shutdown.

News of the shutdown could spur an immediate rise in China's domestic

ferromolybdenum prices, market sources agreed, but the longer term impact on the domestic market was less clear.

One Chinese trader reported selling 20 mt of ferromoly at Yuan 77,500/mt (\$11,394/mt) in the spot market Thursday, up from Yuan 76,000/mt Tuesday.

## June demand strong

However, China's domestic ferromolybdenum price had already been rebounding over the past two weeks, after remaining low throughout most of May and June. It has risen Yuan 3,000-4,000/mt over the past two weeks, to Yuan 75,000/mt Thursday, as Chinese stainless producers returned to the market and procured a total of over 8,000 mt via auctions.

As a result, Chinese stainless producers' June procurement to date has been far higher than the 3,000-4,000 mt seen for April and May, and higher than their average monthly consumption of 5,000-6,000 mt, market sources said.

Opinion was divided over whether Luming's shutdown would push China's domestic moly prices even higher in coming weeks.

"Chinese stainless producers still have the power, as they can adjust their procurement quantities or halt buying for a while if the price goes up too fast and too high, and it seems that they have been stocking up for July and even August," a moly trader in southwest China said.

However a Beijing-based trader disagreed, saying: "I do not think Luming will be able

to deliver all its contract quantities of concentrates on time in July or even in August.

"This will force ferromoly smelters to look for raw materials elsewhere, thus causing supply tightness not only in China, but also in the global market, thus supporting moly prices," he said.

## No reaction in Europe

The European market saw no immediate reaction to the news of the Luming shutdown.

## PLATTS DAILY ASIA PACIFIC METALLURGICAL COAL RELATIVITIES - JUNE 29, 2017

|                        | CSR         | VM<br>ad     | TM<br>ar     | Ash<br>ad    | S<br>ad     | P<br>ad     | Fluidity<br>ddpm | Vit %     | June 29<br>CFR China<br>\$/mt | Spread<br>vs PLV | Spread<br>vs HCC 64 |
|------------------------|-------------|--------------|--------------|--------------|-------------|-------------|------------------|-----------|-------------------------------|------------------|---------------------|
| Peak Downs             | 74          | 20.50        | 9.50         | 10.50        | 0.60        | 0.03        | 400              | 71        | 159.50*                       | 100.95%          |                     |
| *Peak Downs FOB Austra | əliə (China | netback) af  | ter accounti | ng for Haypo | int-Qingdao | Panamax fre | eight = \$150.0  | 5/mt      |                               |                  |                     |
| Saraji                 | 72          | 18.50        | 10.00        | 10.50        | 0.60        | 0.03        | 160              | 66        | 158.00                        | 100.00%          |                     |
| Premium Low Vol        | 71          | 21.50        | 9.70         | 9.30         | 0.50        | 0.045       | 500              | 65        | 158.00**                      | 100.00%          |                     |
| **Premium Low Vol FOB  | Austrəliə   | (China netba | ck) after ac | counting for | Həypoint-Qi | ngdao Panan | nax freight = \$ | 148.55/mt |                               |                  |                     |
| German Creek           | 70          | 19.00        | 10.50        | 9.50         | 0.54        | 0.06        | 180              | 70        | 156.50                        | 99.05%           |                     |
| Illawarra              | 73          | 23.50        | 10.00        | 9.50         | 0.45        | 0.06        | 2000             | 58        | 155.25                        | 98.26%           |                     |
| Moranbah North         | 68          | 23.30        | 10.00        | 8.50         | 0.50        | 0.04        | 1800             | 58        | 155.00                        | 98.10%           |                     |
| Oaky Creek             | 67          | 24.50        | 10.00        | 9.50         | 0.60        | 0.07        | 4000             | 80        | 155.00                        | 98.10%           |                     |
| Goonyella              | 68          | 23.40        | 10.00        | 8.90         | 0.52        | 0.03        | 1100             | 62        | 155.00                        | 98.10%           |                     |
| Goonyella C            | 70          | 23.50        | 10.00        | 9.80         | 0.55        | 0.04        | 1200             | 62        | 153.25                        | 96.99%           |                     |
| Peak Downs North       | 68          | 22.80        | 10.50        | 9.80         | 0.51        | 0.05        | 900              | 63        | 153.00                        | 96.84%           | 105.34%             |
| Standard               | 70          | 22.50        | 9.00         | 9.50         | 0.45        | 0.06        | 150              | 53        | 152.75                        | 96.68%           | 105.16%             |
| Premium                | 70          | 25.50        | 9.00         | 8.80         | 0.50        | 0.07        | 300              | 56        | 152.75                        | 96.68%           | 105.16%             |
| Hail Creek             | 69          | 20.50        | 10.00        | 10.00        | 0.30        | 0.07        | 300              | 54        | 150.50                        | 95.25%           |                     |
| HCC 64 Mid Vol         | 64          | 25.50        | 9.50         | 9.00         | 0.60        | 0.05        | 1700             | 55        | 145.25                        | 91.93%           | 100.00%             |
| Mavis Downs            | 63          | 22.00        | 10.00        | 8.00         | 0.35        | 0.05        | 75               |           | 145.25                        |                  | 100.00%             |
| Lake Vermont HCC       | 62          | 21.50        | 11.00        | 7.50         | 0.44        | 0.07        | 120              | 50        | 145.25                        |                  | 100.00%             |
| Carborough Downs       | 58          | 22.50        | 11.00        | 8.00         | 0.35        | 0.04        | 30               | 44        | 143.00                        |                  | 98.45%              |
| Middlemount Coking     | 57          | 19.00        | 10.00        | 10.00        | 0.50        | 0.045       | 50               |           | 136.25                        |                  | 93.80%              |
| Poitrel Semi Hard      | 45          | 24.00        | 12.00        | 8.00         | 0.43        | 0.05        | 300              | 54        | 134.25                        |                  | 92.43%              |

June 29 freight rates. Australia to China: Panamax = \$9.45/mt Capesize = \$6.45/mt

Notes: ad = air-dried; ar = as received; CSR = coke strength after reaction; ddpm = dial divisions per minute

The Platts Metallurgical Coal Relativities CFR China assessments do not reflect any restrictions or import duties, including duty rebates applied to coals under different import regimes, which may affect the transacted price of the commodity. CFR China assessments are based on pricing information before any additional, if any, import tariffs are imposed such as a 3% import tax on Canadian, Russian and US coals. The definition of CFR is based on International Chamber of Commerce Incoterms © 2010.

A detailed explanation of the Platts Metallurgical Coal Relativities can be found here: http://www.platts.com/IM.Platts.Content/MethodologyReferences/MethodologySpecs/metcoalmethod.pdf For further information about this data please contact cokingcoaleplatts.com

Source: Platts

## PLATTS WEEKLY METALLURGICAL COAL RELATIVITIES TABLE JUNE 23, 2017

|                   | CSR   | VM<br>d | TM<br>ər | Ash<br>d | S<br>d | P<br>d | Fluidity<br>ddpm | Vit % | June 23, FOB<br>Hampton Roads | Spread<br>vs US LV |  |
|-------------------|-------|---------|----------|----------|--------|--------|------------------|-------|-------------------------------|--------------------|--|
| Oak Grove         | 70.50 | 21.75   | 8.00     | 9.30     | 0.56   |        | 900              | 65.20 | 150.00                        | 104.90%            |  |
| Blue Creek No. 7  | 71.00 | 19.85   | 7.00     | 8.92     | 0.72   | 0.03   | 1113             | 69.60 | 150.00                        | 104.90%            |  |
| Blue Creek No. 4  | 63.00 | 25.75   | 9.75     | 9.75     | 0.80   | 0.04   | 10000            | 69.00 | 146.50                        | 102.45%            |  |
| Beckley           | 62.00 | 16.75   | 7.50     | 7.00     | 0.82   |        | 50               | 68.60 | 144.00                        | 100.70%            |  |
| Low Vol FOB USEC* | 58.00 | 19.38   | 8.00     | 8.16     | 0.82   |        |                  |       | 143.00                        | 100.00%            |  |
| Windber           | 51.20 | 16.50   | 8.00     | 7.00     | 1.00   |        | 25               |       | 137.50                        | 96.15%             |  |
| Buchanan          | 40.00 | 18.68   | 7.00     | 5.26     | 0.73   |        | 100              |       | 139.50                        | 97.55%             |  |
| Pinnacle          | 43.00 | 15.80   | 8.00     | 7.00     | 1.00   | 0.014  | 7                | 68.00 | 134.00                        | 93.71%             |  |

June 23 Panamax freight rates. Hampton Roads to Rotterdam = \$9.25/mt, Hampton Roads to Brazil = \$8.00/mt, Mobile to Rotterdam = \$12.50/mt.

For further information about this data please contact cokingcoaleplatts.com

Source: Platts

d = dry; ar = as received; CSR = coke strength after reaction; ddpm = dial divisions per minute. \*assumes inherent moisture of 2% for ad/d conversion.

The S&P Global Platts daily dealer oxide assessment fell to \$7.25-\$7.45/lb Wednesday from \$7.35-\$7.45/lb a day earlier and the European ferromolybdenum assessment fell to \$18.50-\$18.70/kg from \$18.65-\$18.80/kg over the same period.

"Europe has abundant moly oxide and ferromoly supplies due to its large import quantity of ferromoly from China over March-May, so there is little concern over supply constraints there," a trader in northwest China said.

China's ferromoly exports hit a record 2,047 mt in April, the highest in S&P Global Platts database that dates back to June 2009, of which the Netherlands bought 482 mt and Belgium 240 mt, China Customs data showed.

— <u>Hongmei Li</u>

## **MARKETPLACE**

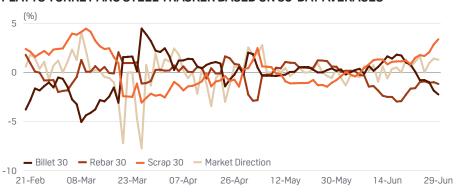
- Iron ore: 62% Fe Brazilian SFNG Trade heard offered at IODEX 62% minus \$20/ dmt CFR Qingdao July 1-31 average pricing by bilateral negotiation reported on June 29
- Iron ore: 60.8% Fe Australian Mining Area C (MAC) Fines Sell tender reported on June 29, 110,000 mt offered by BHP Billiton; co-loaded with 90,000 mt of 57.20% Fe Australian Yandi Fines on June 29, by bilateral negotiation, loading July 18-27 from Port Hedland to Qingdao, heard offered privately to some customers. Option to purchase as separate parcels
- Iron ore: 61.5% Fe Australian Pilbara Blend Fines — 60.8% Fe Australian Mining Area C (MAC) Fines spread tradeable value reported at \$20/dmt FOT Caofeidian on June 29
- Iron ore: 61% Fe Australian Pilbara Blend Fines — Trade reported done at \$62.81/dmt CFR Qingdao on June 29, by e-Tender, sold by Rio Tinto, loading July 23-August 1 to Qingdao, 170,000 mt
- Iron ore: 65% Fe Brazilian Carajas Trade reported done at \$79.30/dmt CFR China on June 29, on globalORE, sold by Vale, final loading on June 17 from Ponta da Madeira to Qingdao, 160,000 mt, expected quality 65.87% Fe, 1.54% SiO2, 1.32% Al2O3, 0.053% P, 8.2% Moisture, 2.31% LOI, 0.190% Mn, according to sources earlier notified by the miner
- Met coal: Australian Premium Low-Vol 71-73% CSR, 18-19% air dried VM, 10-11% air dried ash, trade confirmed done on June 29 at \$158-\$158.25/mt CFR China, August 15-24 laycan, 80,000 mt on Capesize
- Met coal: Australian Premium Low-Vol 67-70% CSR, 20-21% air dried VM, 9-10% air dried ash, trade confirmed done on June 29 at \$148/mt CFR China, end-July laycan, 75,000 mt on Panamax
- Met coal: Australian Premium Low-Vol 73-75% CSR, 20-21% air dried VM, 10-11%

## PLATTS TURKEY ARC STEEL TRACKER, JUNE 29, 2017

|                   | Scrap           | Billet                | Rebar            |
|-------------------|-----------------|-----------------------|------------------|
| vs 30-day         | 3.38% (\$9.81)  | -2.24% (-\$9.28)      | -1.17% (-\$5.04) |
| vs 60-day         | 3.52% (\$10.22) | -2.00% (-\$8.29)      | -1.48% (-\$6.35) |
| Market Direction: | 1.29% (\$4.00)  | Industry Composite In | idex: 72.59      |

Price moves relative to each commodity measured vs 30-day and 60-day moving averages.

## PLATTS TURKEY ARC STEEL TRACKER BASED ON 30-DAY AVERAGES



Platts Turkey ARC is a relative strength indicator for Platts Turkey Rebar FOB, Platts Black Sea Billet CFR Turkey basis and Benchmark TSI Scrap CFR prices\*. The daily index for each commodity shows the degree the price is over or below the average of price relationships with the others for the past 30 or 60 days, with 0 as equilibrium. Indices provide trading price signals for the commodity or for the wider complex, and potential changes in demand and supply for the steel industry. Historic 30-day and 60-day basis data through 2012 is available. Source: Platts \*effective March 1, 2016

## **SCRAP: IRON ORE RATIOS**

|   | Ratio | Previous ratio |  |
|---|-------|----------------|--|
| HMS I/II 80:20 CFR Turkey: TSI 62% iron ore CFR North China     | 4.61  | 4.67           |  |
| US shredded delivered Midwest: TSI 62% iron ore CFR North China | 4.62  | 4.72           |  |

## SUBSCRIBER NOTE: PLATTS TO DISCONTINUE IODEX FOB INDIA HANDYMAX NETBACKS

Following a period of industry feedback, S&P Global Platts will discontinue iron ore west coast and east coast India IODEX FOB netback assessments based on Handymax freight rates (Codes: IONBW00, IONBE00, IONBW03, IONBE03) and simultaneously launch 58% Fe FOB netbacks based on Supramax freight rates for west coast India iron ore, effective September 4, 2017.

Charterers have preferred to move iron ore from west coast India to China on larger vessels, such as Supramaxes, resulting in a prolonged absence of spot market activity on the smaller Handymax vessel class.

Platts will be launching FOB netbacks based on Platts assessed Supramax freight rates to move 50,000 mt (plus/minus 10%) iron ore loading from westcoast India, basis Mormugao port in Goa (Code: IOWIC00), for delivery to Qingdao, China.

India's iron ore from Goa has made a consistent re-appearance in the export market following the removal of duties on low grade iron ore of below 58% Fe content in 2016. As a result of India's current 30% export duty on iron ore with 58% and above Fe content, the majority of the iron ore exported has been sub 58% Fe and not in the medium grade range of 60-63.5% Fe. This west coast India FOB netback will therefore be based on Platts Iron ore fines 58% Fe CFR China (Code: IODFE00) assessment.

The Supramax 58% Fe FOB netback assessments will be calculated assuming a moisture level of 11% for iron ore cargoes loading from west coast India.

Platts will be discontinuing these Handymax IODEX FOB netback assessments and launching Supramax 58% Fe FOB with effect from September 4, 2017. Any further questions or feedback should be sent to <a href="Modes-applobel.com">IODEX@spglobel.com</a> and <a href="modes-applobel.com">pricegroup@spglobel.com</a>. For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing. Platts will consider all comments received and will make comments not marked as confidential available to the public upon request.

## MARKETPLACE (CONTINUED)

air dried ash, tradeable value heard on June 29 at \$157/mt CFR China

- Met coal: Australian Premium Mid-Vol 67-69% CSR, 23-24% air dried VM, 8-9% air dried ash, firm offer reported on June 29 at \$153/mt FOB Australia, July laycan, 80,000 mt on Panamax
- Met coal: Rangal HCC 61-63% CSR, 21-22% air dried VM, 7-8% air dried ash, indicative bid heard on June 29 at \$142-\$143/mt CFR China

(This is a sample of trade and market information gathered by Platts editors as they assessed the daily coking coal, steel, scrap and freight prices. They were first published on Platts Metals Alert earlier in the day as part of the market-testing process with market participants. For more related information about that process and our realtime news and price services, please request a trial to Platts Metals Alert or learn more about the product offering by visiting www.platts.com/Products/metalsalert)

## SUBSCRIBER NOTE: PLATTS PROPOSES TO INCREASE FREQUENCY OF IRON ORE LUMP PREMIUM ASSESSMENTS TO DAILY

S&P Global Platts proposes to increase the frequency of Platts iron ore spot lump premium assessment 62.5% Fe CFR China (Code: IOCLP00) to a daily basis from the current weekly assessment published on Wednesdays, effective August 1, 2017.

Platts has received regular informal feedback from market participants on this subject, and seeks further market feedback on this subject by June 30, 2017.

Spot liquidity in the iron ore lump market has increased since the start of the year, and Platts has observed that the lump premium market can show marked movement on a daily basis. The increase in assessment frequency is proposed to fully reflect this increase in spot market liquidity.

In addition, Platts clarifies that the iron ore lump premium assessment would be assessed as a premium over the average of Platts IODEX assessment of the month which lies at the middle of Platts 2-8 week delivery period, or 35 days forward from the date of publication, also known as the Mid-Window Month.

For all lump premium indications over a base month other than the Mid-Window Month, Platts would normalize to the Mid-Window Month using the iron ore fines derivatives forward curve.

This is to ensure that the underlying structure of the iron ore fines base is taken into account when assessing the lump premium, and to compare all lump premium indications against the same base.

Please send any feedback or questions by June 30, 2017, to IODEX@spglobal.com and pricemethodology@spglobal.com.

For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing.

Platts will consider all comments received and will make comments not marked as confidential available to the public upon request.

## PLATTS STEEL ASSESSMENTS CURRENCY AND UNIT COMPARISONS, JUNE 29

|                                      | Prior assessment |           |           |        |        |           |          |  |
|--------------------------------------|------------------|-----------|-----------|--------|--------|-----------|----------|--|
|                                      | Eur/mt           | \$/mt     | \$/st     | \$/CWT | \$/mt  | \$ change | % change |  |
| Hot-rolled coil                      |                  |           |           |        |        |           |          |  |
| Ex-works, Ruhr*                      | 490.00***        | 559.83    | 507.88    | 25.40  | 556.40 | 3.43      | 0.62%    |  |
| FOB Black Sea*                       | 393.87           | 450.00*** | 408.24    | 20.42  | 450.00 | 0.00      | 0.00%    |  |
| CIF Antwerp*                         | 457.50***        | 522.69    | 474.18    | 23.72  | 519.49 | 3.20      | 0.62%    |  |
| Ex-works, Indiana**                  | 587.81           | 672.40    | 610.00*** | 30.50  | 666.89 | 5.51      | 0.83%    |  |
| CIF, US Gulf states, basis Houston** | 525.18           | 600.75    | 545.00*** | 27.25  | 600.75 | 0.00      | 0.00%    |  |
| Cold-rolled coil                     |                  |           |           |        |        |           |          |  |
| Ex-works, Ruhr*                      | 590.00***        | 674.08    | 611.53    | 30.58  | 669.95 | 4.13      | 0.62%    |  |
| FOB Black Sea*                       | 437.64           | 500.00*** | 453.60    | 22.69  | 500.00 | 0.00      | 0.00%    |  |
| CIF Antwerp*                         | 555.00***        | 634.09    | 575.25    | 28.77  | 630.20 | 3.89      | 0.62%    |  |
| Ex-works, Indiana**                  | 766.08           | 876.32    | 795.00*** | 39.75  | 876.32 | 0.00      | 0.00%    |  |
| CIF, US Gulf states, basis Houston** | 607.08           | 694.44    | 630.00*** | 31.50  | 694.44 | 0.00      | 0.00%    |  |
| Plate                                |                  |           |           |        |        |           |          |  |
| Ex-works, US Southeast**             | 684.18           | 782.63    | 710.00*** | 35.50  | 782.63 | 0.00      | 0.00%    |  |
| CIF, US Gulf states, basis Houston** | 568.54           | 650.35    | 590.00*** | 29.50  | 650.35 | 0.00      | 0.00%    |  |
| Reinforcing bar                      |                  |           |           |        |        |           |          |  |
| Ex-works, Northwest Europe*          | 421.00***        | 480.99    | 436.35    | 21.82  | 478.05 | 2.94      | 0.61%    |  |
| East Mediterranean, basis Turkey*    | 376.37           | 430.00*** | 390.10    | 19.51  | 430.00 | 0.00      | 0.00%    |  |
| Ex-works, US Southeast**             | 508.31           | 581.46    | 527.50*** | 26.38  | 581.46 | 0.00      | 0.00%    |  |
| CIF, US Gulf states, basis Houston** | 464.95           | 531.86    | 482.50*** | 24.13  | 531.86 | 0.00      | 0.00%    |  |

<sup>\*</sup>LN 16:30 Eur/\$ ex rate = 1.1425; \*\*NY 16:30 \$/Eur ex rate = 0.8742. \*\*\*the primary assessments and have not been converted

Please note: All Platts and TSI CIF and CFR prices (US, Europe, Southern Europe, Persian Gulf and Turkey) represent freely traded values. This means they do not reflect any restrictions or duties as a result of trade cases. For detailed specifics, The Platts Weekly Trade Case Status report can be found on the last pages of this issue.

| Complainant Duties Product(s) North America |         | Product(s)                                | Origin(s)   | Status/comments  |  |  |  |
|---|---------|---|---|--|--|--|--|
| US  | AD      | HRC                                       | Australia, Brazil, Japan, Netherlands,<br>Russia, South Korea, Turkey, UK                                       | Final duties of 4.61-9.49% for South Korea, Netherlands 3.73%, Turkey 4.15-6.77%, Japan 4.99-7.51%, Australia 29.58%, Brazil 33.14-34.28% and UK 33.06%. Russian duties of 73.59-184.56% extended  |  |  |  |
| US  | CVD     | HRC                                       | Brazil, Korea, Turkey   | Final duties applied at 3.89-58.68% for South Korea and 11% for Brazil. Negative determination made regarding Turkey   |  |  |  |
| US  | AD      | CRC                                       | Brazil, China, India, Japan, Russia, South<br>Korea, UK   | The trade commission found no injury from Russian imports. Final duties remain for China 265.79%, Japan 71.35%, Brazil 9.58-35.43%, S. Korea 6.32-34.33%, UK 5.4-25.56% and India 7.6%. Japanese light-gauge CRC duties preliminarily revoked.             |  |  |  |
| US  | CVD     | CRC                                       | Brazil, China, India, Korea, Russia   | Final duties increased to 59.72% for S. Korea. Duties remain at 227.29% for China, Brazil 11.09-11.31%, India 10% and Russia 0.62-6.95%  |  |  |  |
| US  | CVD     | CRC and galvanized sheet                  | Vietnam   | Commerce has started inquiries on whether imports of CRC made from Chinese substrate are circumventing US antidumping and countervailing duty orders on China.   |  |  |  |
| US  | AD, CVD | Galvanized sheet                          | China   | Commerce found a 199.43% dumping margin and a 39.05-256.44% range of subsidy rates   |  |  |  |
| US  | AD      | Rebar                                     | Japan, Mexico, Taiwan, Turkey   | Final margins of 5.39-8.17% for Turkey, 206.43-209.46% for Japan, 0-0.56% for Mexico. Preliminary margins of 3.48-29.47% for Taiwan  |  |  |  |
| US  | CVD     | Rebar                                     | Turkey  | Final subsidy for Habas adjusted to 15.99%. No enforceable CVD margins were found for other companies.   |  |  |  |
| US  | AD      | Cut-to-length plate                       | Austria, Belgium, Brazil, China, France,<br>Germany, Italy, Japan, South Korea, South<br>Africa, Taiwan, Turkey | Final duties affirmed for Austria 53.72%, Belgium 5.4-51.78%, Brazil 74.52%, China 68.27%, France 6.15%-148.02%, Germany 5.52-22.9%, Italy 6.08-22.19%, Japan 14.79-48.67%, South Africa 87.72-94.14%, S. Korea 7.1%, Taiwan 3.62-75.42%, Turkey 42.02-50% |  |  |  |
| US  | CVD     | Cut-to-length plate                       | Brazil, China, South Korea  | Final subsidy rates for China 251% and S. Korea 4.31%. ITC terminated the Brazilian subsidy investigation.   |  |  |  |
| US  | AD      | Corrosion-resistant sheet                 | China, India, Italy, South Korea, Taiwan  | Final AD duties of 199.43% for China; India 3.05-4.44%, Italy 12.63-92.12%, Korea 8.75-47.8% and Taiwan 3.77%  |  |  |  |
| US  | CVD     | Corrosion-resistant sheet                 | China, India, Italy, South Korea, Taiwan  | Final CVD margins of 39.05-256.44% for China; 8-29.46% for India; de minimis to 38.51% for Italy; de minimis to 1.19% for Korea (subject to review) and zero for Taiwan  |  |  |  |
| US  | CVD     | Structural tube                           | Turkey  | Commerce lowered margins to 9.87-15.08%  |  |  |  |
| US  | AD      | Structural tube                           | Mexico, South Korea, Turkey   | Final duties of 2.34-3.82% for Korea, 3.83-5.21% for Mexico and 14.48-17.73% for<br>Turkey   |  |  |  |
| US  | AD, CVD | Welded stainless pressure pipe            | India   | Final determination of 0-12.66% dumping margin, with a 8.35-10.17% cash deposit. Final subsidy rates of 3.13-4.65%   |  |  |  |
| US  | AD, CVD | Circular welded carbon-quality steel pipe | Oman, Pakistan, United Arab Emirates  | Final dumping margins formalized for Oman 7.24%, UAE 5.58-6.43% and Pakistan 11.8%. Pakistan CVD determination postponed   |  |  |  |
| US  | CVD     | Seamless pipe                             | China   | Duties extended for further five years. US Dept. of Commerce said early February that net subsidies of 13.66-56.67% would continue or recur if duties were terminated  |  |  |  |
| US  | AD, CVD | Stainless sheet and strip                 | China   | Preliminary AD margins of 63.86% and 76.64%. CVD duties of 57.30-193.12%   |  |  |  |
| US  | AD      | Stainless steel plate in coil             | Belgium, South Africa, Taiwan   | ITC determined that AD and CV duties will remain in place  |  |  |  |
| US  | AD, CVD | Stainless flats                           | Japan, South Africa, South Korea, Taiwan  | In a November 2016 sunset review commerce determined imports would likely continue to be dumped or subsidized. S Korea received a subsidy rate of 1-4.64%  |  |  |  |
| US  | CVD     | Stainless seamless pipe                   | India   | Preliminary CVD duties of 2.96-6.21% applied to welded stainless pressure pipe suppliers   |  |  |  |
| US  | AD      | Stainless steel wire                      | Japan, South Korea, Taiwan  | Existing AD duties of 34% will remain after sunset review  |  |  |  |
| US  | AD      | Wire rod                                  | Mexico  | In an administrative review of the October 1, 2013-September 30, 2014 period,<br>Commerce cut dumping margins for Deacero to 1.54% and ArcelorMittal to 2.59%  |  |  |  |
| US  | AD      | Wire rod                                  | Belarus, Italy, Russia, S Africa, S Korea,<br>Spain, Turkey, Ukraine, UAE, UK                                   | Investigation launched in April 2017   |  |  |  |
| US  | CVD     | Wire rod                                  | Italy, Turkey   | Investigation launched in April 2017   |  |  |  |
| US  | AD      | Stainless steel wire rod                  | India   | Dumping margins of 48.8% to remain for another five years, after May 2017 sunset review  |  |  |  |
| US  | AD      | Circular welded pipe                      | China   | Wheatland Tube has filed an allegation of duty evasion against Chinese producers. dumping margins of 69.20%-85.55% and subsidy rates of 29.62%-616.83% remain in effect.   |  |  |  |
| US  | AD      | OCTG                                      | South Korea   | For the July 18, 2014-August 31, 2015 period of review, Commerce changed dumping margins to 2.76-24.92% from 3.8-8.04%   |  |  |  |
| US  | AD      | OCTG                                      | Vietnam   | Final redetermination at a weighted-average dumping margin of 72.25%-111.47%.  |  |  |  |
| US  | AD, CVD | Stainless sheet and strip                 | China   | Final AD margins of $63.86\text{-}76.64\%$ with cash deposit of $45.26\text{-}58.04\%$ . CVD of $75.60\text{-}190.70\%$  |  |  |  |
| US  | AD      | Light rectangular tubing                  | Taiwan  | Duties of 40.97% to be upheld for another five years   |  |  |  |
| US  | AD      | Mechanical tube                           | China, Germany, Italy, India, South Korea,<br>Switzerland   | Preliminary determination of injury. Alleged dumping margins are 87.58-186.89% for China, 77.7-209.06% for Germany, 33.8% for India, 37.08-68.95% for Italy, 12-48% for South Korea, and 38.02-52.21% for Switzerland.                                     |  |  |  |
| US  | CVD     | Mechanical tube                           | China, India  | Commerce agreed to push back its preliminary ruling to no later than September 18.<br>The decision was originally due July 13.   |  |  |  |
| Canada                                      | AD, CVD | Hot rolled plate                          | India, Russia   | Countries found not to have dumped in January announcement   |  |  |  |
| Canada                                      | AD, CVD | Line pipes                                | China, Japan  | Final dumping margin for China of 95% (subsidy rate of 30.3%) and Japan 22.1-95%   |  |  |  |
| Canada                                      | AD      | HRC                                       | Brazil, China, Ukraine  | 77% dumping margins extended for five years from August 2016   |  |  |  |
| Canada                                      | CVD     | HRC                                       | India   | 3,500 rupees/mt (\$52/mt) duty extended for five years from August 2016  |  |  |  |
| Canada                                      | AD      | Rebar                                     | Belarus, Hong Kong, Japan, Taiwan,<br>Portugal, Spain   | Final determinations affirmed at 37.5% for Belarus, Taiwan 0-108.5% , Hong Kong<br>54-108.5%, Portugal 2.4-108.5%, Spain 37-108.5%, Japan 108.5%   |  |  |  |
| Canada                                      | AD, CVD | Fabricated structural steel               | China, South Korea, Spain   | The Canada Border Services Agency (CBSA) found weighted average dumping margins of 9-45.8% for China, 1.9-45.8% for South Korea and 0-45.8% for Spain. CBSA set CVD of Yuan 152-11,656/mt for China  |  |  |  |

| Complainant  | Duties  | Product(s)                         | Origin(s)  | Status/comments  |
|--------------|---------|------------------------------------|--|--|
| Mexico       | AD      | Wire rod                           | China  | Definitive duty of 49 cents/kg   |
| Mexico       | AD      | CR sheet                           | China  | Duties (65.99-103.41%) imposed   |
| Mexico       | CVD     | CR sheet                           | China  | Duties of up to 103.42% on boron-added imports   |
| Mexico       | AD      | Coated sheets                      | Chinə, Təiwən  | Definite antidumping duties of 22.22-76.33% for China and 22.26-52.57% for Taiwar  |
| Mexico       | AD      | Ferromanganese                     | South Korea  | Provisional duty of 35.64%   |
| Mexico       | CVD     | HRC                                | Russia, Ukraine  | Duties (21% for Russia and 25% for Ukraine) extended for further five years  |
| Mexico       | AD      | Plate                              | Russia   | Duty of 29.3% renewed for another five years   |
| Mexico       | AD      | Seamless pipe                      | Japan  | Existing duty of 99.9% renewed   |
| Mexico       | AD      | Welded tube                        | China  | Investigation launched in December 2016  |
| Mexico       | AD      | Seamless tubes                     | India, South Korea, Spain,Ukraine  | Investigation launched in December 2016  |
| Mexico       | AD      | Seamless tubes                     | South Korea, Spain, India, Ukraine   | Investigation launched in December 2016  |
| South Americ |         | 0001111000 14000                   | countries of openi, mole, ememo  | interruption to the production of the production |
| Argentina    | AD      | Welded and seamless pipes          | China  | Investigation launched in December 2016  |
| Colombia     | AD      | Wire rod                           | China  | Provisional duties extended for two months in February   |
| Chile        | AD      | Wire rod                           | All countries (China major importer) except<br>Canada, Mexico, Peru and developing<br>countries that account for no more than<br>3% of Chile's rod imports | CNDP extended provisional antidumping duties of 18.1% to 40.6%   |
| Chile        | AD      | Rebar                              | Mexico   | Definitive duty of 9.8%  |
| Chile        | AD      | Steel bars                         | China  | Investigation launched in February 2017  |
| Peru         | AD      | Tubes                              | China  | Duties imposed for three years from April 2015   |
| Brazil       | AD      | Heavy plate                        | China  | Duties of \$211.56/mt extended to chrome-added and titanium-added heavy plate.   |
| Brazil       | AD      | HR bars                            | China  | Investigation launched in January 2017   |
| Brazil       | AD      | Rebar                              | Turkey   | Case started in January 2016, no timeframe disclosed   |
| Brazil       | AD      | Seamless pipes                     | China  | Camex studying an extension of the \$743/mt duty   |
| Brazil       | AD      | Steel wire, alloyed steel flat bar | China  | The Ministry of Industry has set duties of \$199.19/mt-\$505.56/mt for imports of high carbon steel wire and a duty of \$495.73/mt on Chinese imports of alloyed steel flat b  |
| Brazil       | AD      | Hot-rolled flat steel              | China, Russia  | Investigation launched in July 2016  |
| Brəzil       | AD      | Austenitic stainless steel tubes   | Malaysia, Thailand, Vietnam  | Investigation launched in May 2017   |
| Europe & Tur |         | Additional decimaco decon tadoc    | Tiologolo, Thomono, Flourioni  | in ootigotion to an one and to get the   |
| EU           | AD      | HR plate and seamless tubes        | China  | Final duties for heavy plate set at 65.1-73.7%   |
| EU           | AD      | HRC                                | Brazil, Iran, Russia, Serbia, Ukraine  | EC decided not to impose provisional duties on Brazil, Iran, Russia, Serbia and Ukraine<br>Final determination due in October 2017   |
| EU           | AD,CVD  | HRC                                | China  | AD & CVD total 18.1-35.9% for China  |
| EU           | AD      | CRC                                |  |  |
| EU           | AD      | Rebar                              | China, Russia<br>China, Belarus  | Definitive retroactive duties of 19.7-22.1% for China and 18.7-36.1% for Russia  Definitive duties of 18.4%-22.5% for china, with no retroactive duties. Provisional dut of 10.6% for Belarus  |
| EU           | AD      | Grain-oriented electrical steel    | China, Russia, South Korea, US   | Definitive duties were set at 21.5-36.6% for China, Japan 35.9-39.0%, Korea 22.5%, Russia 21.6% and US 22.0%   |
| EU           | AD      | Stainless CR                       | China, Taiwan  | The Commission ends absorption investigation without adjusting duties imposed in August (China 24.3-25.2%, Taiwan 6.8%)  |
| EU           | AD      | Butt-weld tube & pipe fittings     | China  | Duties in place since 1996 extended  |
| EU           | AD      | GOES                               | China, Japan, Russia, South Korea, US  | Definitive duties set at 21.5-36.6% for China, Japan 35.9-39.0%, S. Korea 22.5%, Russia 21.6%, and US 22%  |
| EU           | AD, CVD | Ductile cast iron pipe imports     | India  | Definitive AD duties of 0-14.1%. CVD of 9% for Electrosteel Castings Ltd, 8.7% on Jindal Saw Ltd and all other firms 9%  |
| EU           | AD      | Seamless pipe                      | China  | Final duties of 29.2%-54.9%  |
| EU           | AD      | HDG                                | China  | Investigation launched in December 2016  |
| EU           | AD      | Stainless steel seamless pipe      | China  | Expiry review initiated for 48.3-71.9% AD duties   |
| EU           | AD      | Iron castings                      | China, India   | Investigation launched in December 2016  |
| EU           | CVD     | Stainless steel seamless tubes     | India  | Investigation launched on whether Indian imports are Chinese origin tubes, which received AD duties in 2011.   |
| EU           | AD,CVD  | Graphite electrodes                | India  | Following an expiry review, EU has reapplied definitive AD duties of 0-9.4% and CVD o 6.3-15.7%  |
| Turkey       | AD      | Heavy plate                        | China  | Investigation launched in December 2016  |
| Turkey       | AD, CVD | HRC                                | China, Russia, Ukraine   | Petition filed in October 2016   |
| Turkey       | AD      | Seamless pipe                      | China  | Final dumping margin of \$100-120/mt   |
| Turkey       | AD      | PPGI                               | China  | Final dumping margin determined at 23.4%   |
|              |         | Cast iron pipe imports             | India, UAE   | Investigation launched in August 2016  |
| Turkey       | AD      |                                    |  |  |

| Africa & Middle East |                               |   | Origin(s)   |   |
|----------------------|-------------------------------|---|---|---|
| Morocco              |                               | Rebar, wire rod                             | All imports, duties extended by three years from December                       | Duty in effect since 2013 is dirham 0.55/kilogram. Tonnage allowed in duty-free rises   |
| Morocco              | Safeguard                     | CRC, coated sheet                           | All imports, duties extended by four years                                      | by 10% per year  Duty rates are 22% for 2015, 20% for 2016, 18% for 2017 and 16% for 2018   |
| Egypt                | duties<br>Safeguard<br>duties | Rebar                                       | from December  All imports for three years from May 2015                        | Tariff of 8%  |
| Egypt                | AD                            | CRC   | Belgium, China, Russia,   | Investigation launched in October 2016  |
| Egypt                | AD                            | Rebar                                       | China, Turkey, Ukraine  | Temporary duties of 17% for China, 10-19% for Turkey and 15-27% for Ukraine   |
| Iran                 | Import<br>duties              | Flats (except HRC 2mm),<br>longs and billet | China, Russia, Turkey   | Duties raised from 10-15%   |
| Iran                 | Export<br>duty                | Iron ore & DRI                              | All suppliers   | 5% duty to be applied to exports, following government approval.  |
| South Africa         | Safeguard<br>duties           | HR coil & sheet                             | All suppliers   | Government has notified WTO of intention to apply duty for three years from July  |
| Asia                 |                               |   |   |   |
| Taiwan               | AD                            | Hot-dip galvanized coil/sheet               | China, South Korea  | Final duties in the range of 4.22%-77.3%, with producers from South Korea hit with the heaviest penalty of 77.3%.   |
| Taiwan               | AD                            | Heavy plate                                 | Brazil, China, India, Indonesia, South Korea,<br>Ukraine                        | Final duties of 30.29-59.73% for China, Brazil 31.1%, India 25.85%, Indonesia 46.84%, South Korea 8.66-80.5% and Ukraine 26.57%   |
| South Korea          | AD                            | Stainless steel plate                       | Japan   | The Korea Trade Commission has requested the Ministry of Trade extend 13.17% duty for three years   |
| Thailand             | AD                            | HRC   | Brazil, Iran, Turkey  | Final duties of 34.4% for Brazil, Iran 7.25-38.27% and Turkey 6.88-38.23%, effective for five years from May 16 2017  |
| Thailand             | AD                            | HDG coil/sheet                              | China, South Korea, Taiwan  | Investigation launched in September 2016  |
| Thailand             | AD                            | Pickled and oiled HRC                       | South Korea   | Investigation announced on February 4. Sahaviriya Steel Industries alleges a dumping margin of 22.11%   |
| Thailand             | AD                            | Al-Zn alloy coated sheet                    | Vietnam   | Final duties of 6.20-40.49% levied  |
| Thailand             | AD                            | Painted HDG, Painted Al-Zn alloy steel      | Vietnam   | Final duties of 4.3-60.26% levied   |
| Thailand             | AD                            | Mild HRC, pickled coil & HR plate           | China, Malaysia   | Duties of 30.91% for China and 23.57-42.51% for Malaysia extended for another five years, effective June 23 2017  |
| Thailand             | AD                            | Welded pipe                                 | China, South Korea  | Temporary duties of 3.22-66.01% for China and 17.22-53.88% for Korea ended May 15 2017. Final determination expected in July  |
| Thailand             | AD                            | Wire rod                                    | China   | Final duties of 12.26-36.79%, effective from December 22 2016, for five year  |
| Thailand             | AD                            | HRC   | 14 countries including South Korea, Japan,<br>India, Taiwan, Russia             | AD duties of 3.45%-128.11% extended for five years from May 2015.   |
| Thailand             | AD                            | Stainless steel pipes                       | China, South Korea, Taiwan, Vietnam   | Duties of 310.74% for Vietnam, South Korea 11.96%-51.53%, China 145.31% and Taiwan 2.38%-29.04%   |
| Thailand             | duties                        | Alloy-added H-beam                          | All suppliers   | Final duties will span two years, at an initial rate of 31.43% for the first year and 31.05% thereafter. 180 countries exempt   |
| Malaysia             | AD                            | HRC   | China   | Duties of 6.35-12.19% imposed in February 2015  |
| Malaysia             | AD                            | CRC   | China, South Korea, Vietnam   | Final duties of 3.78-23.78% for China, 3.78-21.64% South Korea and 3.06-13.68% Vietnam  |
| Malaysia             | Safeguard<br>duties           | HR plate                                    | All suppliers   | Safeguard duties extended for further three years in July 2016  |
| Malaysia             | Safeguard<br>duties           | Rebar, wire rod, deformed bar-in-coil       | 42 countries including China, Japan, US and EU countries                        | Rebar 13.42% in year one, down to 12.27 $\&$ 11.10% in years two $\&$ three; Wire rod $\&$ bar-in-coil 13.90% in year one, down to 12.90% $\&$ 11.90% in years two $\&$ three |
| Malaysia             | Import<br>duties              | Rebar, wire rod                             | Importers   | 5% import tariff reinstated in June   |
| Malaysia             | AD                            | Color coated coil                           | China, Vietnam  | Duties of 00.6% to 52.10% (all Chinese exporters) imposed in January  |
| Malaysia             | AD                            | CR stainless coil & sheet                   | China, South Korea, Taiwan, Thailand  | Investigation launched May 2017   |
| Vietnam<br>Vietnam   |                               | CR plate Color coated sheet                 | China, Taiwan, Indonesia, Malaysia All importers                                | Duties imposed in September 2014 Investigation launched in July 2016  |
| Vietnam              | duties<br>AD                  | HDG and aluminium/zinc-coated steel         | China, South Korea  | Final duties of 3.17-38.34% for China and 7.02-19% for S. Korea, for five years effective April 14  |
| Vietnam              | AD                            | HDG, coated sheet                           | China (including Hong Kong), South Korea  | Temporary duties of 4.02-38% for China and 12-19% for South Korea applied in September  |
| Vietnam              | AD                            | Wide-flange beams                           | China   | Provisional duties of 21.18-36.33% effective April 5  |
| Indonesia            | Import<br>duties              | All upstream steel products                 | Most favored Nations including India, South<br>Korea, Japan, CIS, Latin America | HRC, CRC, plate $\&$ wire rod duties raised to 15%; Galv $\&$ coated sheet raised to 20%; rebar raised to 17.5%   |
| Indonesia            | AD                            | Color-coated sheets                         | China & Vietnam   | Investigation launched  |
| Indonesia            | Safeguard<br>duty             | Aluminum/zinc-coated sheet (Galvalume)      | All suppliers   | Duties extend for three years. Initial rate of Rp 2,891,858/mt will fall to Rp 2,186,030/mi in year two and to Rp 1,480,202/mt in year three.                                 |
| China                | AD                            | Grain-oriented electrical steel             | EU, Japan, South Korea  | Provisional AD duties of 39-45.7% for Japan, 14.5-29.5% for South Korea and 46.3% for EU mills  |
| China                | Export duty                   | / Billet                                    | All suppliers   | Duty is reduced to 15% from 20%, effective January 1 2017.  |
| Japan                | AD                            | Carbon steel butt welding parts             | China, South Korea  | Investigation launched in July 2016   |
| India                | AD                            | HR coil, sheets and plates                  | China, Japan, South Korea, Russia, Brazil,<br>Indonesia                         | Final duties equivalent to the difference between the CFR Mumbai price and the reference price of \$478-489/mt on HRC and \$561/mt on HR sheets and plates                    |

| Complainant | Duties                     | Product(s)  | Origin(s)  | Status/comments  |
|-------------|----------------------------|---|--|--|
| India       | AD                         | Stainless CR  | South Korea, Taiwan, Thailand, South Africa,<br>US | Duties extended for further five years until 2020. Investigation into claims exporters are circumventing duties  |
| India       | CVD                        | HR, CR stainless flat products  | China  | Unfair trade investigation opened into Jan-Dec 2015 period   |
| India       | Minimum<br>import<br>price | 66 steel grades including electrical steel, galvanized and coated product | All importers                                      | Scheme extended until February 4 2017  |
| India       | AD                         | HRC, CRC  | All importers                                      | India has pushed the response deadline for it HRC $\&$ CRC AD investigations to June 20  |
| India       | AD                         | CRC   | China, Japan, South Korea, Ukraine                 | Final duties equivalent to the difference between the CFR Mumbai price and the reference price of \$576/mt CFR Mumbai, effective for five years from August 17, 2016 |
| India       | AD                         | Seamless pipes and tubes  | China  | Duties of \$961.33-\$1,610.67/mt on popular grades of seamless tubular products imported from China.   |
| India       | AD                         | Bars and wire rods  | China  | Finance ministry imposed at minimum price on import of \$449-538/mt  |
| India       | AD                         | Alloy and non-alloy color-coated/pre-<br>painted flats                    | China, EU  | Investigation launched   |
| India       | AD                         | Metallurgical coke  | Australia, China                                   | Anti-dumping duties applied at \$25.20/metric ton for China and \$16.29/mt for Australia   |
| India       | Safeguard<br>duties        | Hot rolled sheet, plates  | All importers                                      | Duties applied at $10\%$ s on imports of hot rolled sheets and plates of thickness 150mm or less and width 600mm and more, for 1 year                                |
| India       | AD                         | Coated/pre-painted steel 6mm+   | China, EU  | Margins of 50-60% for China and 70-80% for EU  |
| Pakistan    | AD                         | CRC   | China, Ukraine                                     | Preliminary duties of 8-19% imposed on January 13, final ruling by June 13   |
| Pakistan    | AD                         | Wire rod  | China  | Investigation launched in October, preliminary determination by mid-April  |
| Pakistan    | AD                         | Billet  | China  | Duty maintained at 15%   |
| Pakistan    | AD                         | Rebar   | China  | Preliminary dumping margin of 52.52%   |
| Pakistan    | AD                         | CRC   | China, Ukraine                                     | Provisional duties of 13.17-19.04% on imports from thirteen companies based in China and Ukraine   |
| Australia   |                            |   |  |  |
| Australia   | AD, CVD                    | Rebar   | China  | Preliminary dumping duties of 5-24% imposed ahead of final ruling in March, CVD probe to start   |
| Australia   | AD                         | Wire rod  | China  | Final AD duty on Hunan Valin Xiangtan Iron $\&$ Steel of 44.1%, Shagang rod 37.4%, and all other Chinese exporters 53.1%   |
| Australia   | AD                         | Rebar   | Singapore, South Korea, Spain, Taiwan              | Dumping duties of up to 14.3% imposed on the four countries in November  |
| Australia   | AD                         | Rebar   | Spain  | Review opened for the 3-8.2% dumping measures applied in 2015  |
| Australia   | AD                         | Chrome-plated bar   | Italy, Romania                                     | Romania receives definitive AD duties of 22.4-66.9%  |
| Australia   | AD                         | Hollow structural sections  | India, Thailand, UAE                               | Duties of 5.7-29.7% for Thailand. Probe into India and UAE cancelled   |
| Australia   | AD                         | Wire rod  | Indonesia, Taiwan                                  | Duties of 10.1% on Indonesian exporters and 2.7% on Taiwanese exporters imposed in June 2015   |
| Australia   | AD                         | Quenched & tempered plate   | Finland, Japan,Sweden                              | Duties imposed in November 2014  |
| Australia   | AD                         | ERW pipes   | China, Malaysia, South Korea, Taiwan               | Dumping duties imposed in 2012 continued (China also subject to CVD duties)  |
| Australia   | AD                         | HDG   | China, Taiwan                                      | Australian AD Commission initiated two reviews of duties in September  |
| Australia   | AD                         | HDG sheet/coil  | India, Malaysia, Vietnam                           | Investigation launched in October 2016   |
| Australia   | AD                         | Alloy steel bar   | China  | investigation launched in January 2017   |
| Australia   | AD                         | Steel wire rope   | South Africa                                       | Investigation launched in May 2017   |

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