

## **CRU Prices**

### **Steelmaking Raw Materials**

Methodology and  
Definitions Guide

September 2022

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# Methodology and Definitions Guide – Bulk Steelmaking Raw Materials and Thermal Coal

## 1 Scope

This guide covers carbon semi-finished and finished steel products prices in all geographical markets and should be read in conjunction with the *CRU Group Compliance Framework and Methodology Guide*. It details commodity-specific methodology which have precedence, with all other aspects covered by the Group methodology guide.

## 2 Methodology

### Data Submitters

Data Submitters collectively represent the entire physical supply chain and include producers, stockholders/traders, and consumers.

They must have access to data relating to actual spot market transactions (a purchase or a sale), bid/offer information or be able to provide a credible opinion on such prices in the absence of any other data over the relevant time period. They are therefore typically employed in sales or marketing functions on the sell side and purchasing functions on the buy side, or act in a trading function. Data Submitters may also include individuals in finance functions if they can provide the same.

CRU actively seeks new Data Submitters and will consider unsolicited applications to become a Data Submitter. Potential new Data Submitters are vetted on a case-by-case basis, but are not required to sign a Data Providers' Agreement

### Data submitted and submission processes

Any price data provided to CRU must meet the relevant product definitions.

For each product, data submitters provide CRU with a single price figure or a range of prices relating to all spot sales or purchases concluded in the week prior to publication. In the absence of actual transaction data, firms bids/offers or an opinion of the prevailing market price in the same period can be submitted. The type of price data submitted (actual transaction, firm bid/offer or opinion) should be indicated to CRU.

Industry participants can submit prices to CRU by telephone, email, private one-to-one instant messenger services, facsimile, or other private means of communication.

### Final benchmark calculation

Although no specific statistical checks are in place to detect errors, the price submissions are collected by experienced CRU price assessors. As such, submissions which are regarded as suspect - whether this be because of the variance from that contributor's last submission or the variance from the average of the other contributors' submissions - are questioned at the time of the survey or, if necessary, by speaking to the participant for a second time. If a satisfactory answer is not received, the contribution is not taken into account when arriving at the final price assessment.

Final prices are arrived at using the expert judgement of the CRU price assessor, taking into account the price points and type of price points they may have received from market participants. Where a mix of price types have been received, greater subjective weighting will generally be given to transaction prices, then firm bid/offer prices, then indicative bid/offer prices, then opinions of prices in that order. Weekly average assessed prices found in the weekly updates are reflect the average of price indications received during the week. Dashboard prices, on the other hand, reflect the spot price on the day of assessment.

### Price determination in an illiquid market

In the cases of zero submissions or where all submissions were deemed inadmissible, expert judgement would be used to determine the final benchmark value. This choice would be based on: observation of the previous week's prices; short term historical price trends; other quantitative market data including prices in other related active markets, producer price change

announcements; qualitative information such as that received from interactions with market participants or other CRU analysts, and; other sources of information relevant to the spot market.

The price assessor will use their judgement to evaluate the volume, quality and coherence of any such market information they may possess. If one or more of these factors in combination does not provide a sufficiently clear indication of the direction and extent of market movement to allow the price assessor to confidently change the benchmark from the previous value, the prior value would be rolled over to form the current period value.

**Final benchmark publication**

Price benchmarks are made available to customers of CRU's *Steelmaking Raw Materials Monitor* and Prices Basket according its publication schedule.

## 3 Definitions

### Iron ore

Prices are shown on a dry basis (unless otherwise stated) in US\$/Tonne (\$/t). The Fe grade is stated in the prices table and the levels of impurities for each price reflect industry standards. Iron ore freight rates are shown on a wet basis in \$/t, reflecting Capesize vessel rates.

Contract prices are based on the average spot price for the quarter in which the ore is delivered. This means that a contract settled in February will be based on an agreed price which reflects the full calendar quarter (January to March). At the end of the quarter, there is likely to be a credit/debit due to the buyer reflecting the actual quarterly average. Please note that there are several methods by which the contract price can be settled, including, for example, a 5 day prior average, a rolling quarter average or previous quarter less one month average. The method adopted can vary from transaction to transaction, however, once a method is established, CRU understands that the parties are bound to this.

#### Australia 62% Fe fines FOB contract

|                        |  |
|------------------------|--|
| Fe Grade:              | 62%  |
| Moisture:              | 8%   |
| Silica:                | 4.5%   |
| Alumina:               | 2%   |
| Phosphorous:           | 0.075%                                       |
| Sulphur:               | 0.02%  |
| Price basis:           | FOB  |
| Loading Location:      | Australia-Pilbara                            |
| Type:                  | Contract                                     |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly                                      |

#### China 62% Fe fines CFR contract

|                        |  |
|------------------------|--|
| Fe Grade:              | 62%  |
| Moisture:              | 8%   |
| Silica:                | 4.5%   |
| Alumina:               | 2%   |
| Phosphorous:           | 0.075%                                       |
| Sulphur:               | 0.02%  |
| Price basis:           | CFR  |
| Loading Location:      | Australia Pilbara                            |
| Type:                  | contract                                     |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly                                      |

### Brazil 65% Fe fines FOB contract

|                        |  |
|------------------------|--|
| Fe Grade:              | 65%  |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | FOB  |
| Loading Location:      | Brazil                                       |
| Type:                  | Contract                                     |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly                                      |

### China 65% Fe fines CFR contract

|                        |  |
|------------------------|--|
| Fe Grade:              | 65%  |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | CFR  |
| Loading Location:      | Brazil                                       |
| Type:                  | contract                                     |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly                                      |

### Brazil 64% Fe fines FOB contract\* (Discontinued)

|                        |  |
|------------------------|--|
| Fe Grade:              | 64%  |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | FOB  |
| Loading Location:      | Brazil                                       |
| Type:                  | contract                                     |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |

\*To be discontinued on August 1, 2018

### China 64% Fe fines CFR contract\* (Discontinued)

|                        |  |
|------------------------|--|
| Fe Grade:              | 64%  |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | CFR  |
| Loading Location:      | Brazil                                       |
| Type:                  | contract                                     |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |

\*To be discontinued on August 1, 2018

### China 58 % Fe fines CFR spot

|                        |  |
|------------------------|--|
| Fe Grade:              | 58 %   |
| Moisture:              | 10%  |
| Silica:                | 5%   |
| Alumina:               | 2%   |
| Phosphorous:           | 0.05%  |
| Price basis:           | spot   |
| Loading Location:      | Australia                                    |
| Type:                  | spot   |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | delivery within 60 days                      |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly                                      |

### China 62% Fe fines CFR spot

|                        |  |
|------------------------|--|
| Fe Grade:              | 62%  |
| Moisture:              | 8%   |
| Silica:                | 4.5%   |
| Alumina:               | 2%   |
| Phosphorous:           | 0.075%                                       |
| Sulphur:               | 0.02%  |
| Price basis:           | CFR  |
| Loading Location:      |  |
| Type:                  | spot   |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | delivery within 60 days                      |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Weekly                                       |

### China 62.5% Fe lump premium CFR spot

|                        |  |
|------------------------|--|
| Fe Grade:              | 62.5%  |
| Moisture:              | 4%   |
| Silica:                | 3.5%   |
| Alumina:               | 1.5%   |
| Phosphorous:           | 0.075%   |
| Sulphur:               | 0.02%  |
| Price basis:           | CFR  |
| Loading Location:      | Any origin                                     |
| Type:                  | spot   |
| Currency:              | US dollar                                      |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of max 15% <6.3 mm and max 15% >31.5 mm |
| Timing:                | delivery within 60 days                        |
| Payment terms:         | L/C at sight                                   |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly  |

### China 64 % Fe fines CFR spot\* (Discontinued)

|                        |  |
|------------------------|--|
| Fe Grade:              | 64 %   |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | CFR  |
| Loading Location:      | Brazil                                       |
| Type:                  | spot   |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | delivery within 60 days                      |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |

\*To be discontinued on August 1, 2018

### China 65% Fe fines CFR spot

|                        |  |
|------------------------|--|
| Fe Grade:              | 65%  |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | CFR  |
| Loading Location:      | Brazil                                       |
| Type:                  | Spot   |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | Forward Quarterly delivery                   |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |
| Frequency:             | Monthly                                      |



### China 66 % Fe fines CFR spot (Discontinued)

|                        |  |
|------------------------|--|
| Fe Grade:              | 66 %   |
| Moisture:              | 8.5%   |
| Silica:                | 3.5%   |
| Alumina:               | 1%   |
| Phosphorous:           | 0.075%                                       |
| Price basis:           | CFR  |
| Loading Location:      | Brazil                                       |
| Type:                  | spot   |
| Currency:              | US dollar                                    |
| Weight Unit:           | Tonne  |
| Size/tolerance:        | Sizing of up to 10 mm for up to 90% of cargo |
| Timing:                | delivery within 60 days                      |
| Payment terms:         | L/C at sight                                 |
| Main Consumer Markets: | China  |
| Duties/tariffs:        | -  |

\*To be discontinued on August 1, 2018

### China 66 % Fe concentrate Hebei spot (Discontinued)

|                        |   |
|------------------------|---|
| Fe Grade:              | 66 %  |
| Moisture:              | 8.0%  |
| Silica:                | 5.0%  |
| Alumina:               | 0.75%   |
| Phosphorous:           | 0.03% (max)                                     |
| Sulphur:               | 0.05% (max)                                     |
| Price basis:           | Hebei province                                  |
| Loading Location:      | Hebei   |
| Type:                  | spot  |
| Currency:              | RMB   |
| Weight Unit:           | Tonne   |
| Size/tolerance:        | Sizing of up to 0.075 mm for up to 70% of cargo |
| Timing:                | delivery within 60 days                         |
| Payment terms:         | Cash at sight                                   |
| Main Consumer Markets: | China   |
| Duties/tariffs:        | Including VAT                                   |

### China 66 % Fe concentrate Hebei spot (Discontinued)

|                        |   |
|------------------------|---|
| Fe Grade:              | 66 %  |
| Moisture:              | 8.0%  |
| Silica:                | 5.0%  |
| Alumina:               | 0.75%   |
| Phosphorous:           | 0.03% (max)                                     |
| Sulphur:               | 0.05% (max)                                     |
| Price basis:           | Hebei province                                  |
| Loading Location:      | Hebei   |
| Type:                  | spot  |
| Currency:              | US Dollar                                       |
| Weight Unit:           | Tonne   |
| Size/tolerance:        | Sizing of up to 0.075 mm for up to 70% of cargo |
| Timing:                | delivery within 60 days                         |
| Payment terms:         | Cash at sight                                   |
| Main Consumer Markets: | China   |
| Duties/tariffs:        | Including VAT                                   |

## Metallurgical Coal

Prices for Australian spot hard coking coal are FOB Australia, \$/t, including moisture content. Contract prices are also shown and are FOB Australia, \$/t, including moisture content. Quarterly contract prices, shown since the start of 2010, are reported for hard coking coal, semi-soft coking coal and PCI. These prices represent industry benchmarks agreed between major sellers and buyers of the respective metallurgical coals and these parties may change from one quarter to the next. Therefore, coal specifications may also fluctuate marginally.

### Australia Premium Hard Coking Coal Contract FOB

|                        |                            |
|------------------------|----------------------------|
| CSR:                   | 68%                        |
| Ash:                   | 10%                        |
| Volatile Matter:       | 21.5%                      |
| Total Moisture:        | 10%                        |
| Fixed Carbon:          | 53%                        |
| Sulphur:               | 0.5%                       |
| Phosphorous:           | 0.05%                      |
| Fluidity:              | 400 ddpm                   |
| Reflectance:           | 1.42% Ro Max               |
| Vitrinite:             | 65%                        |
| Price basis:           | FOB                        |
| Loading Location:      | Australia                  |
| Type:                  | Forward delivery Quarterly |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within six weeks  |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Quarterly                  |

### Australia Pulverised Injection Coal (PCI) Contract FOB

|                        |                            |
|------------------------|----------------------------|
| Ash:                   | 8%                         |
| Volatile Matter:       | 11%                        |
| HGI:                   | 75                         |
| Sulphur:               | 0.55%                      |
| Total Moisture:        | 10%                        |
| Price basis:           | FOB                        |
| Loading Location:      | Australia                  |
| Type:                  | Forward delivery Quarterly |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within six weeks  |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Quarterly                  |

### Australia Semi-soft Coking Coal Contract FOB

|                  |     |
|------------------|-----|
| CSN:             | 5.5 |
| Ash:             | 9%  |
| Volatile Matter: | 34% |

|                        |                            |
|------------------------|----------------------------|
| Fixed Carbon:          | 53%                        |
| Sulphur:               | 0.6%                       |
| Price basis:           | FOB                        |
| Fluidity:              | 200 ddp <sub>m</sub>       |
| Loading Location:      | Australia                  |
| Type:                  | Forward delivery Quarterly |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within six weeks  |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Quarterly                  |

### Australia Premium Hard Coking Coal Spot FOB

|                        |                           |
|------------------------|---------------------------|
| CSR:                   | 68%                       |
| Ash:                   | 10%                       |
| Volatile Matter:       | 21.5%                     |
| Total Moisture:        | 10%                       |
| Fixed Carbon:          | 53%                       |
| Sulphur:               | 0.5%                      |
| Phosphorous:           | 0.05%                     |
| Fluidity:              | 400 ddp <sub>m</sub>      |
| Reflectance:           | 1.42% Ro Max              |
| Vitrinite:             | 65%                       |
| Price basis:           | FOB                       |
| Loading Location:      | Australia                 |
| Type:                  | Spot                      |
| Currency:              | US Dollar                 |
| Weight Unit:           | Tonne                     |
| Size/tolerance:        | -                         |
| Timing:                | Delivery within six weeks |
| Payment terms:         | L/C at sight              |
| Main Consumer Markets: | -                         |
| Duties/tariffs:        | -                         |
| Frequency:             | Weekly                    |

### Australia Standard Hard Coking Coal Spot FOB

|                        |                            |
|------------------------|----------------------------|
| CSR:                   | 63% (min)                  |
| Ash:                   | 12%                        |
| Volatile Matter:       | 25%                        |
| Total Moisture:        | 10%                        |
| Sulphur:               | 0.6%                       |
| Phosphorous:           | 0.05%                      |
| Fluidity:              | 1,700 ddp <sub>m</sub> max |
| Reflectance:           | 1.42% Ro Max               |
| Vitrinite:             | 55%                        |
| Price basis:           | FOB                        |
| Loading Location:      | Australia                  |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within six weeks  |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Weekly                     |

## Metallurgical Coke

Note: Prices from January 2009-March 2010 and July 2011-December 2012 are based on metallurgical coke from Japan, Russia, the Ukraine, Japan, Colombia and Australia. During these select periods, Chinese export prices were not representative of the wider metallurgical coke market, hence, the requirement for an alternative assessment.

### China Metallurgical Coke 12.5% ash domestic (Discontinued)

|                        |                            |
|------------------------|----------------------------|
| CSR:                   | ≥ 62                       |
| Ash:                   | 12.5% max                  |
| Carbon content:        | ≥86%                       |
| Total Moisture:        | 5%                         |
| Sulphur:               | 0.65%                      |
| Price basis:           | FOB                        |
| Loading Location:      | -                          |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | China                      |
| Duties/tariffs:        | Including VAT and duties   |

### China Metallurgical Coke 12.5% ash domestic (Discontinued)

|                        |                            |
|------------------------|----------------------------|
| CSR:                   | ≥ 62                       |
| Ash:                   | 12.5% max                  |
| Carbon content:        | ≥86%                       |
| Total Moisture:        | 5%                         |
| Sulphur:               | 0.65%                      |
| Price basis:           | FOB                        |
| Loading Location:      | -                          |
| Type:                  | Spot                       |
| Currency:              | RMB                        |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | China                      |
| Duties/tariffs:        | Including VAT and duties   |

### China Metallurgical Coke 12.5% ash FOB

|                        |                            |
|------------------------|----------------------------|
| CSR:                   | ≥ 62                       |
| Ash:                   | 12.5% max                  |
| Carbon content:        | ≥86%                       |
| Total Moisture:        | 5%                         |
| Sulphur:               | 0.65%                      |
| Price basis:           | FOB                        |
| Loading Location:      | -                          |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | China                      |
| Duties/tariffs:        | -                          |
| Frequency:             | Monthly                    |

## Thermal Coal

### Australia Thermal Coal sub-bituminous FOB spot

|                        |                            |
|------------------------|----------------------------|
| Calorific Value:       | 5,500 kcal/kg              |
| Ash:                   | 20% air-dried basis        |
| Total Moisture:        | 10%                        |
| Sulphur:               | 0.65%                      |
| Price basis:           | FOB Net as Received        |
| Loading Location:      | Newcastle                  |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Weekly                     |

### Australia Thermal Coal bituminous FOB spot

|                        |                            |
|------------------------|----------------------------|
| Calorific Value:       | 6,000 kcal/kg              |
| Ash:                   | 13% air-dried basis        |
| Total Moisture:        | 10%                        |
| Sulphur:               | 0.7% max                   |
| Price basis:           | FOB Net as Received        |
| Loading Location:      | Newcastle                  |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Weekly                     |

### China Thermal Coal sub-bituminous CFR spot

|                        |                            |
|------------------------|----------------------------|
| Calorific Value:       | 5,500 kcal/kg              |
| Ash:                   | <20% air-dried basis       |
| Total Moisture:        | 10%                        |
| Sulphur:               | <1% max                    |
| Volatile Matter:       | <35%                       |
| Price basis:           | CFR Net as Received        |
| Loading Location:      | -                          |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | China                      |
| Duties/tariffs:        | -                          |
| Frequency:             | Weekly                     |

### China Thermal Coal sub-bituminous FOB spot

|                        |                            |
|------------------------|----------------------------|
| Calorific Value:       | 5,500 kcal/kg              |
| Ash:                   | <20% air-dried basis       |
| Total Moisture:        | 10%                        |
| Sulphur:               | <1% max                    |
| Volatile Matter:       | <35%                       |
| Price basis:           | FOB Net as Received        |
| Loading Location:      | Qinhuangdao                |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | China                      |
| Duties/tariffs:        | Including VAT              |
| Frequency:             | Weekly`                    |

### Indonesia Thermal Coal sub-bituminous FOB spot

|                        |                            |
|------------------------|----------------------------|
| Calorific Value:       | 4,200 kcal/kg              |
| Ash:                   | 7.5% air-dried basis       |
| Total Moisture:        | 40%                        |
| Sulphur:               | 0.4%                       |
| Price basis:           | FOB Gross as Received      |
| Loading Location:      | Kalimantan                 |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |

### South Africa Thermal Coal Bituminous FOB spot

|                        |                            |
|------------------------|----------------------------|
| Calorific Value:       | 6,000 kcal/kg              |
| Ash:                   | 16% air-dried basis        |
| Sulphur:               | 1.0%                       |
| Price basis:           | FOB Net as Received        |
| Loading Location:      | Richards Bay               |
| Type:                  | Spot                       |
| Currency:              | US Dollar                  |
| Weight Unit:           | Tonne                      |
| Size/tolerance:        | -                          |
| Timing:                | Delivery within four weeks |
| Payment terms:         | L/C at sight               |
| Main Consumer Markets: | -                          |
| Duties/tariffs:        | -                          |
| Frequency:             | Weekly                     |

### Europe Thermal Coal Bituminous CIF spot

|                  |                      |
|------------------|----------------------|
| Calorific Value: | 6,000 kcal/kg        |
| Ash:             | <16% air-dried basis |
| Total Moisture:  | 10%                  |
| Sulphur:         | <1% max              |
| Volatile Matter: | <35%                 |

|                        |   |
|------------------------|---|
| Price basis:           | CIF Amsterdam, Rotterdam, Antwerp Net as Received |
| Loading Location:      | -   |
| Type:                  | Spot  |
| Currency:              | US Dollar   |
| Weight Unit:           | Tonne   |
| Size/tolerance:        | -   |
| Timing:                | Delivery within four weeks                        |
| Payment terms:         | L/C at sight                                      |
| Main Consumer Markets: | -   |
| Duties/tariffs:        | -   |
| Frequency:             | Weekly  |

## Glossary of abbreviations

### INCO TERM RULES FOR ANY MODE OR MODES OF TRANSPORT:

EXW – Ex-Works  
FCA – Free Carrier  
CPT – Carriage Paid To  
CIP – Carriage and Insurance Paid To  
DAT – Delivered at Terminal  
DAP – Delivered at Place  
DDP – Delivered Duty Paid

### INCO TERM RULES FOR SEA AND INLAND WATERWAY TRANSPORT:

FAS – Free Alongside Ship  
FOB – Free On Board  
CFR – Cost and Freight  
CIF – Cost Insurance and Freight

### COUNTRY ABBREVIATIONS USED:

We use ISO 3166 alpha-2 standard country codes