

Specifications Guide

Global Steel, Ferrous Scrap, Ferroalloys and Noble Alloys

Latest update: August 2020

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DEFINITIONS OF THE TRADING LOCATIONS FOR WHICH PLATTS PUBLISHES INDEXES OR ASSESSMENTS

The following specifications guide contains the primary specifications for Platts Steel, Ferrous Scrap, Ferroalloys and Noble Alloys assessments throughout the world. All the assessments listed here employ Platts Assessments Methodology, as published at https://www.spglobal.com/platts/plattscontent/_assets/_files/en/our-methodology/methodology-specifications/platts-assessments-methodology-guide.pdf. All indices adhere to the index methodology guide as published at https://www.spglobal.com/platts/plattscontent/_assets/_files/en/our-methodology/methodology-specifications/tsi-coking-coal-index-methodology.pdf

These guides are designed to give S&P Global Platts subscribers as much information as possible about a wide range of methodology and specification questions.

This guide is current at the time of publication. Platts may issue further updates and enhancements to this guide and will announce these to subscribers through its usual publications of record. Such updates will be included in the next version of this guide. Platts editorial staff and managers are available to provide guidance when assessment issues require clarification.

Platts steel, ferrous scrap, ferroalloys and noble alloys price assessments are timestamped; the time and location are noted below unless otherwise stated:

Asia: Singapore/Beijing 5:30 pm

US: Pittsburgh 3:30 pm (steel), Washington 4:00 pm (alloys)

Latin America: Sao Paulo 4:30 pm

Europe: London 4:30 pm

FLAT

Assessment	Code	Mavg	Wavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
HOT-ROLLED COIL															
EMEA															
HRC EXW Ruhr	STHRE00	STHRE03		STHRF00	Index	Daily	1204	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	Eur/mt
HRC EXW Ruhr	TS01015	TSMAP03			Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	Eur/mt
HRC EXW Ruhr	STHRM00	STHRM03		STHSF00	Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	\$/mt
HRC EXW Ruhr	STHRD00	STHRD03			Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	\$/st
HRC EXW Ruhr	STHRH00	STHRH03			Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	\$/CWt
HRC DDP West Midlands, UK	STHWM04	STHWM03			Assessment	Friday	1263	European Norm EN10025-2:2004 Grade S275JR	100-1,000 mt	W 1000-1830 mm, T 3-12.5 mm	DDP	West Midlands, UK	Delivery 2 -12 weeks	At sight	GBP/mt
HRC CIF Antwerp	STHRA00	STHRA03			Assessment	Daily	1200	European Norm EN10025-2:2004. Grade S235JR	500-5,000 mt	W 1200-1500 mm, T 2-15 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	Eur/mt
HRC CIF Antwerp	STHAM00	STHAM03			Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	500-5,000 mt	W 1200-1500 mm, T 2-15 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	\$/mt
HRC CIF Antwerp	STHAD00	STHAD03			Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	500-5,000 mt	W 1200-1500 mm, T 2-15 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	\$/st
HRC CIF Antwerp	STHAH00	STHAH03			Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	500-5,000 mt	W 1200-1500 mm, T 2-15 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	\$/CWt
HRC EXW S. Europe	SB01152	TSMAP03		SB01264	Index	Daily	1200	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	South Europe	Shipment 4-8 weeks	Prompt payment on delivery	Eur/mt
HRC EXW S. Europe	TS01016				Calculation	Daily	--	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2.5-8 mm	EXW	South Europe	Shipment 4-8 weeks	Prompt payment on delivery	Eur/mt
HRC CIF S. Europe Import	SB01143				Assessment	Monthly	--	European Norm EN10025-2:2004. Grade S235JR	Min 500 mt	W 1200-1500 mm, T 2-15 mm	CIF	South Europe	Delivery 6-12 weeks	At sight	Eur/mt
HRC FOB Black Sea	STHRB00	STHRB03	STHRB04		Assessment	Wednesday	1210	European Norm EN10025-2:2004. Grade S235JR	2,000-3,000 mt	W 1200-1500 mm, T 2-15 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/mt
HRC FOB Black Sea	STHBE00	STHBE03			Calculation	Wednesday	--	European Norm EN10025-2:2004. Grade S235JR	2,000-3,000 mt	W 1200-1500 mm, T 2-15 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	Eur/mt
HRC FOB Black Sea	STHBD00	STHBD03			Calculation	Wednesday	--	European Norm EN10025-2:2004. Grade S235JR	2,000-3,000 mt	W 1200-1500 mm, T 2-15 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/st
HRC FOB Black Sea	STHBH00	STHBH03			Calculation	Wednesday	--	European Norm EN10025-2:2004. Grade S235JR	2,000-3,000 mt	W 1200-1500 mm, T 2-15 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/CWt
HRC FOB Russia Black Sea Export	SB01151				Assessment	Monthly	1201	European Norm EN10025-2:2004. Grade S235JR	2,000-3,000 mt	W 1200-1500 mm, T 2-15 mm	FOB	Russia Black Sea	Loading 6-8 weeks	At sight	\$/mt
HRC CPT Moscow	AAXJI00	AAXJI03			Assessment	Friday	1263	Russian grade St3sp/St3ps	100 mt	W 1200-1300 mm, T 2-4 mm, Wt 5-8 mt/coil	CPT	Moscow	Shipment 3-5 weeks	Prompt payment on delivery	Ruble/mt

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Assessment	Code	Mavg	Wavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
HRC CPT Moscow	AAXJL00	AAXJL03			Calculation	Friday	--	Russian grade St3sp/St3ps	100 mt	W 1200-1300 mm, T 2-4 mm, Wt 5-8 mt/coil	CPT	Moscow	Shipment 3-5 weeks	Prompt payment on delivery	\$/mt
HRC EXW Turkey	SB01154				Assessment	Friday	1263	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2-8 mm	EXW	Turkey	Shipment 2-6 weeks	Prompt payment on delivery	\$/mt
HRC EXW Turkey	TS01017	TSMQ03			Calculation	Friday	--	European Norm EN10025-2:2004. Grade S235JR	Min 100 mt	W 1200-1500 mm, T 2-8 mm	EXW	Turkey	Shipment 2-6 weeks	Prompt payment on delivery	\$/mt
HRC FOB Turkey Export	SB01155				Assessment	Friday	1263	European Norm EN10025-2:2004. Grade S235JR	500 mt	W 1200-1500 mm, T 2-15 mm	FOB	Turkey	Loading 8-10 weeks	At sight	\$/mt
HRC CFR Turkey Import	SB01156				Assessment	Monthly	--	European Norm EN10025-2:2004. Grade S235JR	500 mt	W 1200-1500 mm, T 2-15 mm	CFR	Turkey	Delivery 6-8 weeks	Prompt payment on delivery	\$/mt
HRC CFR Persian Gulf Port Import	SB01146				Assessment	Monthly	--	European Norm EN10025-2:2004. Grade S235JR	500 mt	W 1200-1500 mm, T 2-15 mm	CFR	Dubai	Delivery 4-8 weeks	At sight	\$/mt
Americas															
TSI HRC US EXW Indiana	STHRI00	STHRI03			Index	Daily	--	ASTM A 1011-06a Commercial Type B	Min 100 st	W 48-72", T 0.083-0.37"	EXW	Indiana	Shipment 3-8 weeks	Net 30 days after delivery	\$/st
TSI HRC US EXW Indiana	TS01018	TSMAR03			Calculation	Daily	1205	ASTM A 1011-06a Commercial Type B	Min 100 st	W 48-72", T 0.083-0.37"	EXW	Indiana	Shipment 3-8 weeks	Net 30 days after delivery	\$/st
TSI HRC US EXW Indiana	STHIM00	STHIM03			Calculation	Daily	--	ASTM A 1011-06a Commercial Type B	Min 100 st	W 48-72", T 0.083-0.37"	EXW	Indiana	Shipment 3-8 weeks	Net 30 days after delivery	\$/mt
TSI HRC US EXW Indiana	STHIH00	STHIH03			Calculation	Daily	--	ASTM A 1011-06a Commercial Type B	Min 100 st	W 48-72", T 0.083-0.37"	EXW	Indiana	Shipment 3-8 weeks	Net 30 days after delivery	\$/CWt
TSI HRC US EXW Indiana	STHIE00	STHIE03			Calculation	Daily	--	ASTM A 1011-06a Commercial Type B	Min 100 st	W 48-72", T 0.083-0.37"	EXW	Indiana	Shipment 3-8 weeks	Net 30 days after delivery	Eur/mt
HRC DDP Houston	STHRG00	STHRG03			Assessment	Daily	1205	ASTM A 1011-06a Commercial Type B	1000-2000 st	W 48-72", T 0.083-0.37"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/st
HRC DDP Houston	STHGM00	STHGM03			Calculation	Daily	--	ASTM A 1011-06a Commercial Type B	1000-2000 st	W 48-72", T 0.083-0.37"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/mt
HRC DDP Houston	STHGH00	STHGH03			Calculation	Daily	--	ASTM A 1011-06a Commercial Type B	1000-2000 st	W 48-72", T 0.083-0.37"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/CWt
HRC DDP Houston	STHGE00	STHGE03			Calculation	Daily	--	ASTM A 1011-06a Commercial Type B	1000-2000 st	W 48-72", T 0.083-0.37"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	Eur/mt
HRC EXW Brazil Domestic Production	SB01138				Assessment	Friday	--	ASTM A36	1000-2000 mt	W 1080-1128 mm, T 2-3 mm	EXW	Southeast Brazil	Shipment 3-6 weeks	Net 30 days after delivery	Real/mt
HRC EXW Brazil Domestic Production	STHRC04				Calculation	Friday	--	ASTM A36	1000-2000 mt	W 1080-1128 mm, T 2-3 mm	EXW	Southeast Brazil	Shipment 3-6 weeks	Net 30 days after delivery	\$/mt
HRC Brazil Export FOB Brazilian Port	SB01139				Assessment	Monthly	--	ASTM A 1011-06a Commercial Type B	1000-2000 mt	W 1200-1300 mm, T 2-4 mm	FOB	Brazilian ports	Shipment 4-8 weeks	At sight	\$/mt
HRC Mexico Dom Prod Delivered	SB01503				Assessment	Monthly	--	DIN EN 10111 DD 12 grade	1000-2000 mt	W 1080-1128 mm, T 5-7 mm	Delivered	Northeast Mexico	Delivery 2-3 weeks	Net 30 days after delivery	MXN/mt
HRC Mexico Dom Prod Delivered	SB01145				Calculation	Monthly	--	DIN EN 10111 DD 12 grade	1000-2000 mt	W 1080-1128 mm, T 5-7 mm	Delivered	Northeast Mexico	Delivery 2-3 weeks	Net 30 days after delivery	\$/mt

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Assessment	Code	Mavg	Wavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
Asia															
HRC FOB China SAE1006	STHSA00	STHSA03			Assessment	Daily	1198	SAE1006	5000 mt	W 1200-1500 mm, T 2 mm	FOB	Tianjin, China	Shipment 4-8 weeks	At sight	\$/mt
HRC FOB China SAE1006 Premium	STHRY00	STHRY03			Assessment	Daily	1198	SAE1006, expressed as premium to SS400	5000 mt	W 1200-1500 mm, T 2 mm	FOB	Tianjin, China	Shipment 4-8 weeks	At sight	\$/mt
HRC FOB China SS400	STHRZ02	STHRZ03			Assessment	Daily	1198	SS400 or equivalent GB/T912 grade Q235 in Chinese domestic market	5000 mt	W 1200-1500 mm, T 3 mm	FOB	Tianjin, China	Shipment 4-8 weeks	At sight	\$/mt
HRC CFR Southeast Asia SS400	SB01142				Assessment	Daily	1198	SS400	Min 3000 mt	W 1200-1500 mm, T 3 mm	CFR	Ho Chi Minh City, Vietnam	Shipment 8-12 weeks	At sight	\$/mt
HRC CFR Southeast Asia SAE1006	TS01041	TSMB003		TSMBZ03	Assessment	Daily	1198	SAE1006 or equivalent	5,000 mt	W 1200-1500 mm; T 2 mm for 30% of cargo with remainder up to 3 mm	CFR	Ho Chi Minh City, Vietnam	Shipment 4-8 weeks	At sight	\$/mt
HRC Ex-stock Shanghai VAT-inclusive	SB01260				Assessment	Daily	1198	Q235	50-500 mt	W 1250 mm, T 5.5 mm	Ex-stock	Shanghai	Delivery up to 1 week	Cash before delivery	Yuan/mt
HRC Ex-stock Shanghai VAT-inclusive	SB01360				Calculation	Daily	--	Q235	50-500 mt	W 1250 mm, T 5.5 mm	Ex-stock	Shanghai	Delivery up to 1 week	Cash before delivery	\$/mt
HRC India Domestic Delivered Mumbai	TS01046	TSMBT03			Assessment	Wednesday	--	IS2062 E250A or equivalent	100-1,000 mt	W 1250-1500 mm; T 2.5-10 mm	Delivered	Mumbai	Delivery 2-21 days	Cash on delivery	Rupees/mt
HRC Japan Domestic (Tokyo Steel)	SB01153				Third party data	Monthly	--	Base price equivalent to SPHC	--	W 900-1630 mm; T 1.7-22.0 mm	FOT	Japan	Delivery within current month	Net	Yen/mt

COLD-ROLLED COIL

EMEA

CRC EXW Ruhr	STRRE00	STRRE03	STRRE04		Index	Daily	1233	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	Eur/mt
CRC EXW Ruhr	TS01002	TSMAB03			Calculation	Daily	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	Eur/mt
CRC EXW Ruhr	STRRM00	STRRM03	STRRM04		Calculation	Daily	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	\$/mt
CRC EXW Ruhr	STRRD00	STRRD03	STRRD04		Calculation	Daily	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	\$/st
CRC EXW Ruhr	STRRH00	STRRH03	STRRH04		Calculation	Daily	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery	\$/CWt
CRC CIF Antwerp	STRRA00	STRRA03	STRRA04		Assessment	Daily	1233	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	Eur/mt
CRC CIF Antwerp	STRAM00	STRAM03	STRAM04		Calculation	Daily	--	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	\$/mt
CRC CIF Antwerp	STRAD00	STRAD03	STRAD04		Calculation	Daily	--	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	\$/st

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Assessment	Code	Mavg	Wavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
CRC CIF Antwerp	STRAH00	STRAH03	STRAH04		Calculation	Daily	NA	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	CIF	Antwerp	Delivery 6-12 weeks	At sight	\$/CWt
CRC EXW S. Europe	SB01091				Assessment	Wednesday	1263	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	South Europe	Shipment 4-8 weeks	Prompt payment on delivery	Eur/mt
CRC EXW S. Europe	TS01003	TSMAC03			Calculation	Wednesday	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 0.7-2.5 mm	EXW	South Europe	Shipment 4-8 weeks	Prompt payment on delivery	Eur/mt
CRC CIF S. Europe Import	SB01085				Assessment	Monthly	--	European Norm EN10131:2006. Grade: DC01	Min 500 mt	W 1000-1250 mm, T 3-4 mm	CIF	South Europe	Delivery 6-12 weeks	At sight	Eur/mt
CRC FOB Black Sea	STRRB00	STRRB03	STRRB04		Assessment	Wednesday	1210	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/mt
CRC FOB Black Sea	STRBD00	STRBD03	STRBD04		Calculation	Wednesday	--	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/st
CRC FOB Black Sea	STRBE00	STRBE03	STRBE04		Calculation	Wednesday	--	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	Eur/mt
CRC FOB Black Sea	STRBH00	STRBH03	STRBH04		Calculation	Wednesday	--	European Norm EN10131:2006. Grade: DC01	500-5000 mt	W 1000-1250 mm, T 0.7-3.0 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/CWt
CRC FOB Russia Black Sea Export	SB01090				Assessment	Monthly	1201	European Norm EN10131:2006. Grade: DC01	Min 500 mt	W 1000-1250 mm, T 0.7-3.0 mm	FOB	Russia Black Sea	Loading 6-8 weeks	At sight	\$/mt
CRC EXW Turkey	SB01092				Assessment	Friday	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 3-4 mm	EXW	Turkey	Shipment 2-6 weeks	Prompt payment on delivery	\$/mt
CRC EXW Turkey	TS01004	TSMAD03			Calculation	Friday	--	European Norm EN10131:2006. Grade: DC01	Min 100 mt	W 1000-1250 mm, T 3-4 mm	EXW	Turkey	Shipment 2-6 weeks	Prompt payment on delivery	\$/mt
CRC CFR Turkey Import	SB01093				Assessment	Monthly	--	European Norm EN10131:2006. Grade: DC01	500 mt	W 1000-1250 mm, T 3-4 mm	CIF	Turkey	Delivery 6-8 weeks	At sight	\$/mt

Americas

CRC US EXW Indiana	STRRI00	STRRI03	STRRI04		Index	Daily	--	AISI grades C1005 to C1008	Min 100 st	W 48-72", T 0.0272-0.1000"	EXW	Indiana	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
CRC US EXW Indiana	TS01005	TSMAE03			Calculation	Daily	1228	AISI grades C1005 to C1008	Min 100 st	W 48-72", T 0.0272-0.1000"	EXW	Indiana	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
CRC US EXW Indiana	STRIM00	STRIM03	STRIM04		Calculation	Daily	--	AISI grades C1005 to C1008	Min 100 st	W 48-72", T 0.0272-0.1000"	EXW	Indiana	Shipment 4-12 weeks	Net 30 days after delivery	\$/mt
CRC US EXW Indiana	STRIH00	STRIH03	STRIH04		Calculation	Daily	--	AISI grades C1005 to C1008	Min 100 st	W 48-72", T 0.0272-0.1000"	EXW	Indiana	Shipment 4-12 weeks	Net 30 days after delivery	\$/CWt
CRC US EXW Indiana	STRIE00	STRIE03	STRIE04		Calculation	Daily	--	AISI grades C1005 to C1008	Min 100 st	W 48-72", T 0.0272-0.1000"	EXW	Indiana	Shipment 4-12 weeks	Net 30 days after delivery	Eur/mt
CRC DDP Houston	STRRG00	STRRG03	STRRG04		Assessment	Daily	1228	AISI grades C1005 to C1008	1000 st	W 48-72", T 0.0272-0.1000"	DDP	Houston	Delivery 10-16 weeks	Net 30 days after delivery	\$/st
CRC DDP Houston	STRGM00	STRGM03	STRGM04		Calculation	Daily	--	AISI grades C1005 to C1008	1000 st	W 48-72", T 0.0272-0.1000"	DDP	Houston	Delivery 10-16 weeks	Net 30 days after delivery	\$/mt
CRC DDP Houston	STRGH00	STRGH03	STRGH04		Calculation	Daily	--	AISI grades C1005 to C1008	1000 st	W 48-72", T 0.0272-0.1000"	DDP	Houston	Delivery 10-16 weeks	Net 30 days after delivery	\$/CWt

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CRC DDP Houston	STRGE00	STRGE03	STRGE04		Calculation	Daily	--	AISI grades C1005 to C1008	1000 st	W 48-72", T 0.0272-0.1000"	DDP	Houston	Delivery 10-16 weeks	Net 30 days after delivery	Eur/mt
CRC EXW Brazil Domestic Production	SB01080	SBCRC03			Assessment	Friday	--	NBR 6658	1000-2000 mt	W 1000-1300 mm, T 0.8-1.5 mm	EXW	Southeast Brazil	Shipment 3-6 weeks	Net 30 days after delivery	Real/mt
CRC Brazil Export FOB Brazilian Port	SB01081				Assessment	Monthly	--	NBR 6658	1000-3000 mt	W 1000-1300 mm, T 0.8-1.5 mm	FOB	Brazilian ports	Shipment 4-8 weeks	At sight	\$/mt
CRC Mexico Dom Prod Delivered	SB01403				Assessment	Monthly	--	ASTM A606	1000-2000 mt	W 1000-1300 mm, T 1.0-3.0 mm	Delivered	Northeast Mexico	Delivery 2-3 weeks	Net 30 days after delivery	MXN/mt
CRC Mexico Dom Prod Delivered	SB01086				Calculation	Monthly	--	ASTM A606	1000-2000 mt	W 1000-1300 mm, T 1.0-3.0 mm	Delivered	Northeast Mexico	Delivery 2-3 weeks	Net 30 days after delivery	\$/mt

Asia

CRC Ex-stock Shanghai VAT-inclusive	SB01082				Assessment	Tuesday	1215	SPCC	50-500 mt	W 1250 mm, T 1 mm	Ex-stock	Shanghai	Delivery up to 1 week	Cash before delivery	Yuan/mt
CRC China Export FOB Shanghai	SB01083				Assessment	Tuesday	1215	SPCC	Min 2000 mt	W 1250 mm, T 1 mm	FOB	Shanghai	Shipment up to 12 weeks	At sight	\$/mt
CRC CFR E Asia Import	SB01084				Assessment	Monthly	--	JIS G 3141, SPCC annealed	Min 1000 mt	W 900-1250 mm, T 1 mm base	CFR	East Asia	Shipment 8-12 weeks	At sight	\$/mt

COATED**EMEA**

HDG N Europe EXW Ruhr	SB01125				Assessment	Wednesday	--	DX51D	Min 100 mt	T above 1 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery from mill	Eur/mt
HDG N Europe EXW Ruhr	TS01007	TSMAG03			Calculation	Wednesday	--	DX51D	Min 100 mt	T above 1 mm	EXW	Ruhr	Shipment 4-10 weeks	Prompt payment on delivery from mill	Eur/mt
HDG S Europe EXW	SB01126				Assessment	Wednesday	--	DX51D	Min 100 mt	T above 1 mm	EXW	South Europe	Shipment 4-8 weeks	Prompt payment on delivery from mill	Eur/mt
HDG S Europe EXW	TS01008	TSMAG03			Calculation	Wednesday	--	DX51D	Min 100 mt	T above 1 mm	EXW	South Europe	Shipment 4-8 weeks	Prompt payment on delivery from mill	Eur/mt
HDG Turkey EXW	SB01127				Assessment	Friday	1263	DX51D + Z70	Min 100 mt	T below 1 mm	EXW	Turkey	Shipment 2-6 weeks	Prompt payment on delivery from mill	\$/mt
HDG Turkey EXW	TS01009	TSMAG03			Calculation	Friday	--	DX51D + Z70	Min 100 mt	T below 1 mm	EXW	Turkey	Shipment 2-6 weeks	Prompt payment on delivery from mill	\$/mt

Americas

HDG Brazil Domestic Production Ex-Works	SB01117	SBHDG03			Assessment	Friday	--	ASTM A 653	1000-2000 mt	W 1000-1300 mm, T 0.4-2.0 mm	EXW	Southeast Brazil	Shipment 3-6 weeks	Net 30 days after delivery	Real/mt
HDG US EXW Indiana MW	ATSIA00	ATSIA03			Index	Daily	--	ASTM A 653 CS Type B	Min 100 st	Min T of 0.028" W: 48"-72"	EXW	Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
HDG US EXW Indiana (incl. G90) MW	SB01123				Calculation	Daily	--	ASTM A 653 CS Type B, G90 normal spangle	Min 100 st	16 G min (0.06" min) W: 48"-72"	EXW	Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
HDG US EXW Indiana (incl. G90) MW	TS01010	TSMAG03			Calculation	Daily	--	ASTM A 653 CS Type B, G90 normal spangle	Min 100 st	16 G min (0.06" min) W: 48"-72"	EXW	Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/st

FLAT

Assessment	Code	Mavg	Wavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
HDG DDP Houston	SB01124				Assessment	Monthly	--	ASTM A 653 CS Type B, G90 normal spangle	500-1500 st	16 G min (0.06" min) W: 48"-72"	DDP	Houston	Delivery 12-18 weeks	Net 30 days after delivery	\$/st

Asia

HDG Ex-stock Shanghai VAT-inclusive	SB01118				Assessment	Monthly	1215	DX51D or equivalent, with 80g/sqm of Zn	50-500 mt	W 1,250mm, T 1mm	Ex-stock	Shanghai	Delivery up to 1 week	Cash before delivery	Yuan/mt
HDG China Export FOB Shanghai	SB01119				Assessment	Monthly	1215	DX51D or equivalent, with 120g/sqm of Zn	Min 2000 mt	W 1,250mm, T 1mm	FOB	Shanghai	Shipment up to 12 weeks	At sight	\$/mt

PLATE**EMEA**

Plate EXW Ruhr	STPRE00	STPRE03			Assessment	Friday	1243	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	Ruhr	Shipment 8-12 weeks	Net 30 days after delivery	Eur/mt
Plate EXW Ruhr	TS01023	TSMAN03			Calculation	Friday	--	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	Ruhr	Shipment 8-12 weeks	Net 30 days after delivery	Eur/mt
Plate EXW Ruhr	STPRM00	STPRM03			Calculation	Friday	--	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	Ruhr	Shipment 8-12 weeks	Net 30 days after delivery	\$/mt
Plate EXW Ruhr	STPRD00	STPRD03			Calculation	Friday	--	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	Ruhr	Shipment 8-12 weeks	Net 30 days after delivery	\$/st
Plate EXW Ruhr	STPRH00	STPRH03			Calculation	Friday	--	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	Ruhr	Shipment 8-12 weeks	Net 30 days after delivery	\$/CWt
Plate EXW S. Europe	SB01185				Assessment	Friday	1263	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	South Europe	Shipment 8-12 weeks	Net 30 days after delivery	Eur/mt
Plate EXW S. Europe	TS01024	TSMAX03			Calculation	Friday	--	EN10025 S235 JR	Min 100 mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	South Europe	Shipment 8-12 weeks	Net 30 days after delivery	Eur/mt
Plate CIF Antwerp	STPRA00	STPRA03			Assessment	Friday	1243	EN10025 S235 JR	500-5000 mt	T 15-40 mm, W up to 2500 mm, L 12 m	CIF	Antwerp	Delivery 8-16 weeks	At sight	Eur/mt
Plate CIF Antwerp	STPAM00	STPAM03			Calculation	Friday	--	EN10025 S235 JR	500-5000 mt	T 15-40 mm, W up to 2500 mm, L 12 m	CIF	Antwerp	Delivery 8-16 weeks	At sight	\$/mt
Plate CIF Antwerp	STPAD00	STPAD03			Calculation	Friday	--	EN10025 S235 JR	500-5000 mt	T 15-40 mm, W up to 2500 mm, L 12 m	CIF	Antwerp	Delivery 8-16 weeks	At sight	\$/st
Plate CIF S Europe Import	SB01182				Assessment	Monthly	--	EN10025 S235 JR	500-5000 mt	T 15-40 mm, W up to 2500 mm, L 12 m	CIF	South Europe	Delivery 6-12 weeks	At sight	Eur/mt
Plate EXW Turkey	SB01186				Assessment	Monthly	--	EN10025 S235 JR	Min 100mt	T 15-40 mm, W up to 2500 mm, L 12 m	EXW	Turkey	Shipment 6-12 weeks	Prompt payment on delivery	\$/mt
Plate FOB CIS Export	SB01179				Assessment	Monthly	--	EN10025 S235 JR	Min 500 mt	T 15-40 mm, W up to 2500 mm, L 12 m	FOB	CIS	Loading 8-16 weeks	At sight	\$/mt
HR Sheet CPT Moscow	AAXJH00	AAXJH03			Assessment	Friday	1263	Russian grade St3sp/St3ps	Min 100 mt	T 2-4 mm, W 1200-1500 mm, L 2.5-6 m	CPT	Moscow	Shipment 21-35 days	Payment on delivery	Ruble/mt
HR Sheet CPT Moscow	AAXJK00	AAXJK03			Calculation	Friday	--	Russian grade St3sp/St3ps	Min 100 mt	T 2-4 mm, W 1200-1500 mm, L 2.5-6 m	CPT	Moscow	Shipment 21-35 days	Payment on delivery	\$/mt

FLAT

Assessment	Code	Mavg	Wavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
Americas															
Plate Delivered US Midwest	STPRI00	STPRI03	STPRI04		Index	Daily	1248	ASTM A36/A36M or equivalent	Min 20 st	W to 96", T 0.375-2", L to 240"	Delivered	US Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
Plate Delivered US Midwest	STPIM00	STPIM03	STPIM04		Calculation	Daily	--	ASTM A36/A36M or equivalent	Min 20 st	W to 96", T 0.375-2", L to 240"	Delivered	US Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/mt
Plate Delivered US Midwest	STPIE00	STPIE03	STPIE04		Calculation	Daily	--	ASTM A36/A36M or equivalent	Min 20 st	W to 96", T 0.375-2", L to 240"	Delivered	US Midwest	Shipment 4-12 weeks	Net 30 days after delivery	Eur/mt
Plate Delivered US Midwest	STPIH00	STPIH03	STPIH04		Calculation	Daily	--	ASTM A36/A36M or equivalent	Min 20 st	W to 96", T 0.375-2", L to 240"	Delivered	US Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/CWt
Plate DDP Houston	STPRG00	STPRG03	STPRG04		Assessment	Daily	1248	ASTM A36/A36M or equivalent	1000 st	W to 96", T 0.375-2", L to 240"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/st
Plate DDP Houston	STPGM00	STPGM03	STPGM04		Calculation	Daily	--	ASTM A36/A36M or equivalent	1000 st	W to 96", T 0.375-2", L to 240"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/mt
Plate DDP Houston	STPGE00	STPGE03	STPGE04		Calculation	Daily	--	ASTM A36/A36M or equivalent	1000 st	W to 96", T 0.375-2", L to 240"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	Eur/mt
Plate DDP Houston	STPGH00	STPGH03	STPGH04		Calculation	Daily	--	ASTM A36/A36M or equivalent	1000 st	W to 96", T 0.375-2", L to 240"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/CWt
Asia															
Plate CFR East Asia	TS01043	TSMBQ03			Assessment	Wednesday	--	ASTM A36,Q235 or JIS SS400 or EN 235JR	Min 3,000 mt	W 1200-2500 mm; T 12-25 mm	CFR	Dangjin, South Korea	Shipment 8-12 weeks	At sight	\$/mt
Plate Ex-stock Shanghai VAT-inclusive	SB01178				Assessment	Monthly	1215	Q235	Max 500 mt	W 2700-4200 mm, T 12-20 mm	Ex-stock	Shanghai	Prompt month delivery	Cash before delivery	Yuan/mt
Plate Commercial Grade China Export FOB Shanghai	SB01180				Assessment	Monthly	1215	Q335	Max 500 mt	W 2700-4200 mm, T 12-20 mm	FOB	Shanghai	Shipment 1-2 months	Cash	\$/mt
H-Beam Japan Domestic (Tokyo Steel)	SB01115				Third party data	Monthly	--	Base price equivalent to SS400	--	H 100-350 mm, Flange W 100-350 mm	FOT	Japan	Delivery within current month	Net	Yen/mt

LONG

Assessment	Code	Mavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
BAR, BEAMS & SECTIONS														
EMEA														
Medium Sections Europe Dom Prod Delivered	SB01160			Assessment	Wednesday	1263	S235 JR	Min 100 mt	80 x 120 mm, L 12 m	DDP	Europe	Delivery 6-8 weeks	Payment on delivery	Eur/mt
Medium Sections Turkey Exp FOB Turkish Port	SB01162			Assessment	Monthly	--	S235 JR	Min 100 mt	80 x 120 mm, L 12 m	FOB	Turkey	Loading 6-8 weeks	Payment on delivery	\$/mt
Merchant Bar Europe Dom Prod Delivered	SB01166			Assessment	Monthly	--	S235 JR	Min 100 mt	50 x 5 mm, L 6 m	DDP	Europe	Delivery 6-8 weeks	Payment on delivery	Eur/mt
Asia														
H-Beam CFR Southeast Asia	SB01114			Assessment	Monthly	--	EN10025 S275JR	min 1,000 mt	4"-24" (102 x 102 mm up to 610 x 305 mm), L 12 m	CFR	Port Klang, Malaysia	Shipment 8 to 12 weeks	At sight	\$/mt
REBAR														
EMEA														
Rebar EXW Northwest Europe	STCBE00	STCBE03		Assessment	Friday	1263	B500B carbon content	Min 100 mt	D 12-16 mm, L 12 m	EXW	North West Europe	Shipment 4-8 weeks	Prompt payment on delivery	Eur/mt
Rebar EXW Northwest Europe	TS01026	TSMAZ03		Calculation	Friday	--	B500B carbon content	Min 100 mt	D 12-16 mm, L 12 m	EXW	North West Europe	Shipment 4-8 weeks	Prompt payment on delivery	Eur/mt
Rebar EXW Northwest Europe	STCNM00	STCNM03		Calculation	Friday	1315	B500B carbon content	Min 100 mt	D 12-16 mm, L 12 m	EXW	North West Europe	Shipment 4-8 weeks	Prompt payment on delivery	\$/mt
Rebar EXW Northwest Europe	STCND00	STCND03		Calculation	Friday	1315	B500B carbon content	Min 100 mt	D 12-16 mm, L 12 m	EXW	North West Europe	Shipment 4-8 weeks	Prompt payment on delivery	\$/st
Rebar EXW Northwest Europe	STCNH00	STCNH03		Calculation	Friday	--	B500B carbon content	Min 100 mt	D 12-16 mm, L 12 m	EXW	North West Europe	Shipment 4-8 weeks	Prompt payment on delivery	\$/CWt
Rebar FOB Europe (Mediterranean)	AAXFB04	AAXFB03		Assessment	Friday	1315	B500C carbon content	500 mt	D 12-16 mm	FOB	Mediterranean Port	Loading 4-8 weeks	Prompt payment on delivery	Eur/mt
Rebar FOB Europe (Mediterranean)	ABXFB04			Calculation	Friday	1315	B500C carbon content	500 mt	D 12-16 mm	FOB	Mediterranean Port	Loading 4-8 weeks	Prompt payment on delivery	\$/mt
Rebar CPT Moscow	AAXJG00	AAXJG03		Assessment	Friday	1315	Russian grade St3sp/St3ps and A500/A500C/A400 ductility	100 mt	D 12-16 mm, L 11-12 m	CPT	Moscow	Shipment 3-5 weeks	Prompt payment on delivery	Ruble/mt
Rebar CPT Moscow	AAXJJ00	AAXJJ03		Calculation	Friday	1315	Russian grade St3sp/St3ps and A500/A500C/A400 ductility	100 mt	D 12-16 mm, L 11-12 m	CPT	Moscow	Shipment 3-5 weeks	Prompt payment on delivery	\$/mt
Rebar Black Sea Export FOB	SB01193			Assessment	Monthly	1315	A500(S), 35GS	60-100 mt	D 12 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/mt
Rebar FOB Turkey	STCBM00	STCBM03	STCBM33	Assessment	Daily	1308	B500B carbon content	10,000 mt	D 16-20 mm, L 12 m	FOB	Turkey	Loading 2-8 weeks	At sight	\$/mt

LONG

Assessment	Code	Mavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
Rebar FOB Turkey	STCEE00	STCEE03		Calculation	Daily	1308	B500B carbon content	10,000 mt	D 16-20 mm, L 12 m	FOB	Turkey	Loading 2-8 weeks	At sight	Eur/mt
Rebar FOB Turkey	STCED00	STCED03		Calculation	Daily	1308	B500B carbon content	10,000 mt	D 16-20 mm, L 12 m	FOB	Turkey	Loading 2-8 weeks	At sight	\$/st
Rebar FOB Turkey	STCEH00	STCEH03		Calculation	Daily	--	B500B carbon content	10,000 mt	D 16-20 mm, L 12 m	FOB	Turkey	Loading 2-8 weeks	At sight	\$/CWt
Rebar Turkey Dom Prod Ex-Stock Incl 18% VAT	SB01206	SB01303		Assessment	Friday	1315	B500B carbon content	Min 100 mt	D 10-40 mm, L 12 m	EXW	Turkey	Shipment 6-8 weeks	Prompt payment on delivery	TRY/mt
Rebar Mid East Dom Prod Ex-Works	SB01200			Assessment	Monthly	1315	B500B carbon content	100 mt	D 8-32 mm, L 12 m	EXW	Egypt, KSA or UAE	Shipment 3-5 weeks	At sight	\$/mt
Americas														
Rebar EXW Southeast US	STCBC00	STCBC03		Assessment	Friday	1300	ASTM A615/ A615M	Min 100 st	L 20ft, D 0.625"	EXW	US Southeast	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
Rebar EXW Southeast US	STCCM00	STCCM03		Calculation	Friday	1315	ASTM A615/ A615M	Min 100 st	L 20ft, D 0.625"	EXW	US Southeast	Shipment 4-12 weeks	Net 30 days after delivery	\$/mt
Rebar EXW Southeast US	STCCE00	STCCE03		Calculation	Friday	--	ASTM A615/ A615M	Min 100 st	L 20ft, D 0.625"	EXW	US Southeast	Shipment 4-12 weeks	Net 30 days after delivery	Eur/mt
Rebar EXW Southeast US	STCCH00	STCCH03		Calculation	Friday	--	ASTM A615/ A615M	Min 100 st	L 20ft, D 0.625"	EXW	US Southeast	Shipment 4-12 weeks	Net 30 days after delivery	\$/CWt
Rebar EXW Midwest US	SB01202	SB01304		Assessment	Friday	1315	ASTM A615/ A615M	Min 100 st	L 20ft, D 0.625"	EXW	US Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
Rebar DDP Houston	STCBG00	STCBG03		Assessment	Friday	1300	ASTM A615/ A615M	1,000-2,000 st	L 20ft, D 0.750-1.41"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/st
Rebar DDP Houston	STCGM00	STCGM03		Calculation	Friday	1315	ASTM A615/ A615M	1,000-2,000 st	L 20ft, D 0.750-1.41"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/mt
Rebar DDP Houston	STCGE00	STCGE03		Calculation	Friday	1315	ASTM A615/ A615M	1,000-2,000 st	L 20ft, D 0.750-1.41"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	Eur/mt
Rebar DDP Houston	STCGH00	STCGH03		Calculation	Friday	--	ASTM A615/ A615M	1,000-2,000 st	L 20ft, D 0.750-1.41"	DDP	Houston	Delivery 8-14 weeks	Net 30 days after delivery	\$/CWt
Rebar 10MM Brazil SE Domestic Production EXW	SB01190			Assessment	Friday	1315	NBR 7480	1000-2000 mt	D 6-10 mm, L 12 m	EXW	Southeast, Brazil	Shipment 4-6 weeks	Net 30 days after delivery	Real/mt
Rebar 10MM Brazil SE Domestic Production EXW	STHRD04			Calculation	Friday	--	NBR 7480	1000-2000 mt	D 6-10 mm, L 12 m	EXW	Southeast, Brazil	Shipment 4-6 weeks	Net 30 days after delivery	\$/mt
Rebar Argentina Domestic Production Delivered	SB01192			Assessment	Monthly	1315	IRAM- IAS-U-500-528, Type DNA-420	200-500 mt	D 6-10 mm, L 12 m	Delivered	Santa Fe, Argentina	Delivery 3-6 weeks	Net 15-30 days after delivery	\$/mt
Rebar Mexico Domestic Production Delivered	SB01603			Assessment	Friday	1315	NMX-C-407 grade 42	500-1000 mt	D 9.5-15.9 mm, L 12 m	Delivered	Northeast, Mexico	Delivery 2-4 weeks	Net 30 days after delivery	MXN/mt
Rebar Mexico Domestic Production Delivered	SB01199			Calculation	Friday	--	NMX-C-407 grade 42	500-1000 mt	D 9.5-15.9 mm, L 12 m	Delivered	Northeast, Mexico	Delivery 2-4 weeks	Net 30 days after delivery	\$/mt

LONG

Assessment	Code	Mavg	MTD	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
Rebar Mexico Domestic Production Delivered Index	SBMAU03			Calculation	Monthly	1315	NMX-C-407 grade 42	500-1000 mt	D 9.5-15.9 mm, L 12 m	Delivered	Northeast, Mexico	Delivery 2-4 weeks	Net 30 days after delivery	
Asia														
Rebar FOB China	STCBZ02	STCBZ23		Assessment	Daily	1215	BS 4449: 2005 B500B	5000 mt	D 16-20 mm, L 12m	FOB	Zhangjiagang, China	Delivery 4-8 weeks	At sight	\$/mt
Rebar CFR Southeast Asia	SB01195	SB01302		Assessment	Daily	1315	BS4449 Grade 500	Min 5000 mt	D 16-32 mm, L 12 m	CFR	Singapore	Shipment 8-12 weeks	At sight	\$/mt
Rebar Ex-stock Beijing VAT-inclusive	SB01198	SB01300		Assessment	Daily	1215	HRB 400	5-500 mt	D 18-25 mm, L 12 m	Ex-stock	Beijing	Delivery up to 1 week	Cash before delivery	Yuan/mt
Rebar Ex-stock Beijing VAT-inclusive	SB02198			Calculation	Daily	--	HRB 400	5-500 mt	D 18-25 mm, L 12 m	Ex-stock	Beijing	Delivery up to 1 week	Cash before delivery	Yuan/mt
Rebar EXW Jiangsu VAT-inclusive	SB01259	SB01301		Assessment	Friday	1215	HRB 400	5-500 mt	D 18-25 mm, L 9 m	EXW	Jiangsu	Delivery up to 1 week	Cash before delivery	Yuan/mt
Rebar Japan Domestic (Tokyo Steel)	SB01205			Third party data	Monthly	--	Base price equivalent to SD295A	--	D 13-25 mm	FOT	Japan	Delivery within current month	Net	Yen/mt
WIRE ROD														
EMEA														
TSI Wire Rod Price Change Index North Europe	TS01032	TSMBF03		Index	Monthly	--	Cold heading boron-alloyed steel wire rod. Basis Oct 2010.	--	--	Delivered	North Europe			Eur/mt
Wire Rod Mesh Quality Black Sea Export FOB	SB01243			Assessment	Monthly	--		500 mt	D 5.5-6 mm	FOB	Black Sea	Loading 6-8 weeks	At sight	\$/mt
Wire Rod Mesh Quality Turkey Export FOB Turkish Port	SB01251			Assessment	Monthly	--		500 mt	D 5.5-16 mm	FOB	Turkey	Loading 6-8 weeks	At sight	TRY/mt
Americas														
Wire Rod Draw Quality 6.5MM Brazil SE Domestic Production Ex-Works	SB01241			Assessment	Monthly	--		Min 200 mt	D 6.5 mm	EXW	Southeast Brazil	Shipment 3-5 weeks	Net 30 days after delivery	Real/mt
Wire Rod Mesh Quality Export FOB Latin American Port	SB01248			Assessment	Monthly	--		Min 200 mt	D 5.5-16 mm	FOB	Latin America ports	Delivery 4-6 weeks	Net 30 days after delivery	\$/mt
Wire Rod Mesh Quality N Amer Dom Prod Ex-Mill US MW	SB01249			Assessment	Friday	--		Min 100 st	D 0.219"- 0.625" (7/32-5/8")	EXW	US Midwest	Shipment 4-12 weeks	Net 30 days after delivery	\$/st
Asia														
Wire Rod Mesh Quality China Export FOB Shanghai	SB01261			Assessment	Wednesday	1215	SAE1008	3,000 mt min	D 6.5 mm	FOB	Shanghai	Shipment up to 12 weeks	At sight	\$/mt
Wire Rod Ex-stock Shanghai VAT-inclusive	SB01262			Assessment	Wednesday	1215		5-500 mt	D 6.5 mm	Ex-stock	Shanghai	Delivery up to 1 week	Payment on delivery	Yuan/mt

SEMI

Assessment	Code	Mavg	Wavg	Type	Published	Page	Quality	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
STEEL BILLET / SLAB														
EMEA														
Billet FOB Turkey Export	SB01039			Assessment	Monthly	--	GOST 380-94	5,000-20,000 mt	125x125 mm square, L 11.7 m	FOB	Turkey	Loading 2-6 weeks	At sight	\$/mt
Billet CFR Turkey Import	SB01040			Assessment	Monthly	--	GOST 380-94	5,000-20,000 mt	125x125 mm square, L 11.7 m	CIF	Turkey	Delivery 2-6 weeks	At sight	\$/mt
Billet FOB Black Sea	STBLB00	STBLB03	STBLB04	Assessment	Daily	1314	GOST 380-94, 5sp/ps	5,000-20,000 mt	125x125 mm square, L 11.7 m	FOB	Black Sea	Loading 2-6 weeks	At sight	\$/mt
Slab FOB Black Sea Export	SB01233			Assessment	Wednesday	4314	SAE 1006	20,000-50,000 mt	W 1000-1850 mm, T 200-250 mm, L 6-12 m	FOB	Black Sea	Loading 4-8 weeks	At sight	\$/mt
Americas														
Billet FOB Latin America Export	SB01037			Assessment	Monthly	--	A36/A36M	20,000-50,000 mt	125x125 mm square, L 11.7 m	FOB	Latin America ports	Delivery 4-6 weeks	At sight	\$/mt
Slab FOB Brazil	SB01236			Assessment	Friday	1370	A36/A36M, SAE1006	20,000-50,000 mt	W 800-2,100 mm, L 5-12.5 mm, T 200-250 mm	FOB	Brazil	Delivery 4-8 weeks	At sight	\$/mt
Asia														
Slab CFR Southeast Asia	SB01235			Assessment	Monthly	1370	SAE1008, SAE1006	Min 10,000 mt	T 200-250 mm, W 1250-1550 mm, L 6-10 m	CFR	Cigading, Indonesia	Shipment 8-12 weeks	At sight	\$/mt
Billet CFR Southeast Asia	SB01035			Assessment	Daily	795	5SP, Q275 or equivalent	10,000 mt	130x130 mm square, L 12 m	CFR	Manila, Philippines	Shipment 6-10 weeks	At sight	\$/mt
Billet Ex-stock Tangshan VAT-inclusive	SB01032			Assessment	Daily	795	Q235	500 mt	150x150 mm square	Ex-Stock	Tangshan	Prompt delivery	At sight	Yuan/mt
Square Bar FOB China	STSBF00	STSBF03		Assessment	Daily	795	Q275	10,000 mt	150x150 mm square, L 12 m	FOB	Tianjin	Shipment 4-8 weeks	At sight	\$/mt
PIPE & TUBE														
EMEA														
Welded pipe FOB Turkey export	SB01255			Assessment	Monthly	--	S235	Min 500 mt	D 48mm, Wall 2mm	FOB	Turkey	Loading 6-10 weeks	At sight	\$/mt
Americas														
OCTG EXW North America domestic	SB01253			Assessment	Monthly	--	Carbon ERW J55	200 st	4 1/2- 8 5/8	EXW	US mill	Shipment 2-8 weeks	Net-30	\$/st
OCTG DDP North America import	SB01254			Assessment	Monthly	--	Carbon ERW J55	200 st	4 1/2- 8 5/8	DDP	Gulf of Mexico	Delivery 6-12 weeks	Net-30	\$/st
Tube & Pipe Price Tracker North America	SBIAP00			Calculation	Daily	--	--	--	--	--	US	--	--	\$/st

Asia												
7 inch steel OCTG FOB Tianjin China	AAXNI00	Assessment	Monthly	--	API 5CT J55/K55	50-300 mt	OD 7"/177.8mm, T 8.05mm, L R3 (10.36-14.63m)	FOB	Tianjin	Shipment 8-12 weeks	At sight	\$/mt
7 inch steel OCTG FOB Tianjin China \$/Ft	AAXNK00	Assessment	Monthly	--	API 5CT J55/K56	50-300 mt	OD 7"/177.8mm, T 8.05mm, L R3 (10.36-14.63m)	FOB	Tianjin	Shipment 8-12 weeks	At sight	\$/ft
Global												
Tube & Pipe Price Tracker World	SBIAY00	Calculation	Daily	--	--	--	--	--	Global	--	--	

Carbon steel

All assessments and indices reflect prime material of new manufacture, excluding dimensional extras, unless otherwise specified.

Most carbon steel assessments represent a base price, however for some products and locations Platts also publishes the price including the premium for coating, which is clearly marked in the specifications tables. For example, Platts publishes hot-dip galvanized coils price EXW Indiana both as a base price and the price including zinc-based coating extra (G90).

Assessments reflect stated specifications and dimensions. Platts normalizes other qualities and sizes using prevailing premiums (or extras) and discounts in the market to the stated

standard specifications. For example, for its European rebar assessments Platts considers market information about B500B and B500C grades, but normalizes it to B500B for Northwest Europe and Turkey, and to B500C for Southern Europe. Type C indicates that the rebar is suitable for seismically active locations in Italy, Greece, Spain.

Market information for different locations and Incoterms may be considered in the assessments after normalization. For example, in the US Platts takes into account market information about a wide geographic area, which it normalizes to EXW Midwest, Indiana.

Information about known tariff and non-tariff barriers in various jurisdictions is also used in the normalization process.

The assessments reflect both domestically produced and

imported material, unless otherwise specified. For example, all carbon steel assessments on DDP Houston basis reflect imported product only, while DDP West Midlands, UK assessments capture imported, domestically produced and port stock product.

Currency conversions are done using timestamped assessments of prevailing foreign exchange rate at market close, appropriate for the assessment region.

The Mexican rebar index is calculated with the monthly average of the weekly Platts assessment (SB01603), which considers domestic produced rebar grade 42, Norm NMX-C-407, and spot negotiations of 500-1,000 mt, on a DDP Northeast basis.

Stainless steel

FLAT

Assessment	Code	Mavg	Yavg	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
EMEA													
Alloy Surchrng 304 Coil Europe Dom Prod	SB01008			Calculation	Monthly	--	Any	Sheet/strip		Europe	Current month	--	Eur/mt
Alloy Surchrng 316 Coil Europe Dom Prod	SB01011			Calculation	Monthly	--	Any	Sheet/strip		Europe	Current month	--	Eur/mt
Alloy Surchrng 430 Coil Europe Dom Prod	SB01015			Calculation	Monthly	--	Any	Sheet/strip		Europe	Current month	--	Eur/mt
CR304 2B 2MM Coil Base N Europe Dom Prod Dlv	SB01059			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	North Europe	Current month	--	Eur/mt
CR304 2B 2MM Coil Base S Europe Dom Prod Dlv	SB01060			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	South Europe	Current month	--	Eur/mt
CR304 2B 2MM Coil Trans N Europe Dom Prod Dlv	SB01061			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	North Europe	Current month	--	Eur/mt
CR304 2B 2MM Coil Trans S Europe Dom Prod Dlv	SB01062			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	South Europe	Current month	--	Eur/mt
CR316 2B 2MM Coil Base N Europe Dom Prod Dlv	SB01067			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	North Europe	Current month	--	Eur/mt
CR316 2B 2MM Coil Base S Europe Dom Prod Dlv	SB01068			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	South Europe	Current month	--	Eur/mt
CR316 2B 2MM Coil Trans N Europe Dom Prod Dlv	SB01069			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	North Europe	Current month	--	Eur/mt
CR316 2B 2MM Coil Trans S Europe Dom Prod Dlv	SB01070			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	South Europe	Current month	--	Eur/mt
CR430 BA 2MM Coil Base N Europe Dom Prod Dlv	SB01075			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	North Europe	Current month	--	Eur/mt
CR430 BA 2MM Coil Base S Europe Dom Prod Dlv	SB01076			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	South Europe	Current month	--	Eur/mt
CR430 BA 2MM Coil Trans N Europe Dom Prod Dlv	SB01077			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	North Europe	Current month	--	Eur/mt
CR430 BA 2MM Coil Trans S Europe Dom Prod Dlv	SB01078			Assessment	Monthly	--	about 10 mt-plus	W >1,200 mm, T 2mm	Delivered	South Europe	Current month	--	Eur/mt
Asia													
HR304 Ex-warehouse Foshan VAT-inclusive	SB01136			Assessment	Monthly	--	min 50mt	W 1219 mm, T 2 mm	EXW	Foshan	Prompt delivery	Cash	Yuan/mt
CR304 Ex-warehouse Foshan VAT-inclusive	SB01058			Assessment	Monthly	--	min 50mt	W 1219 mm, T 2 mm	EXW	Foshan	Prompt delivery	Cash	Yuan/mt
CR430 Ex-warehouse Foshan VAT-inclusive	SB01074			Assessment	Monthly	--	min 50mt	W 1219 mm, T 2 mm	EXW	Foshan	Prompt delivery	Cash	Yuan/mt
CR304 2B 2MM E Asia Import CFR	SB01063			Assessment	Friday	--	min 50mt	W 1219 mm, T 2 mm	CFR	Main East Asian and Southeast Asian ports including China, Hong Kong, Taiwan, South Korea, Malaysia, Singapore, Vietnam, Philippines and Thailand	Delivery 1-2 months	LC or TT	\$/mt

LONG

Assessment	Code	Mavg	Yavg	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
EMEA													
Alloy Surcharge 304L Brt Bar Europe Dom Prod	SB01010			Calculation	Monthly	--	Any	Cold finished bar		Europe	Current month	--	Eur/mt
Alloy Surcharge 316L Brt Bar Europe Dom Prod	SB01013			Calculation	Monthly	--	Any	Cold finished bar		Europe	Current month	--	Eur/mt
Alloy Surcharge 420 Brt Bar Europe Dom Prod	SB01014			Calculation	Monthly	--	Any	Cold finished bar		Europe	Current month	--	Eur/mt
Alloy Surcharge 430F Brt Bar Europe Dom Prod	SB01017			Calculation	Monthly	--	Any			Europe	Current month	--	Eur/mt
304L Brt Bar Base Europe Dom Prod Delivered	SB01002			Assessment	Monthly	--	Mill into stockist, tonnage unspecified	D 25-80 mm	Delivered	Europe	Current month	--	Eur/mt
304L Brt Bar Transaction Europe Dom Prod Delivered	SB01003			Assessment	Monthly	--	Mill into stockist, tonnage unspecified	D 25-80 mm	Delivered	Europe	Current month	--	Eur/mt
430F Drawn Bar Base Europe Dom Prod Delivered	SB01005			Assessment	Monthly	--	Mill into stockist, tonnage unspecified	D 8-25 mm	Delivered	Europe	Current month	--	Eur/mt
430F Drawn Bar Transaction Europe Dom Prod Delivered	SB01006			Assessment	Monthly	--	Mill into stockist, tonnage unspecified	D 8-25 mm	Delivered	Europe	Current month	--	Eur/mt

SCRAP

Assessment	Code	Mavg	Yavg	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
18-8 Stainless Steel Scrap US delivered plant	AALDQ00	AALDS00	AALDS16	Assessment	Thursday	386	Min one truckload	--	DDP	US	Delivery 30 days	Net 30 days	\$/lt

For all stainless steel assessment specifications please refer to the table above.

FERROALLOYS

Assessment	CODE	Mavg	Wavg	Yavg	MTD	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
EMEA															
Silicomanganese 65:16 DDP NWE	AAITQ00	MMAZF03		MMAZF16		Assessment	Thursday	404	300-1,000 mt	--	DDP	Northwest Europe	Delivery within 4 weeks	NA	Eur/mt Mn contained
Ferrosilicon 75% Std DDP NWE	AAIUR00					Assessment	Thursday	389	200-800 mt	--	DDP	Northwest Europe	Delivery within 4 weeks	Net 30 days	Eur/mt Si contained
Ferromolybdenum IW Europe	MMAF000	MMAF003	MMAF004	MMAF016		Assessment	Daily	386	Min 20 mt	5-50 mm	IW	Rotterdam	Release within 3-30 days	Net cash	\$/kg Mo contained
Charge Chrome 52% DDP NWE	MMAIP00					Assessment	Thursday	9065	200-500 mt	--	DDP	Northwest Europe	Delivery within 4 weeks	Net 30 days	cents/lb Cr contained
Ferrochrome Low-Carbon 0.10% DDP NWE	MMAIL00					Assessment	Thursday	9065	200-500 mt	--	DDP	Northwest Europe	Delivery within 4 weeks	Net 30 days	cents/lb Cr contained
Ferrochrome 65% 6-8% High-Carbon DDP NWE	MMAIQ00					Assessment	Thursday	9065	200-500 mt	--	DDP	Northwest Europe	Delivery within 4 weeks	Net 30 days	cents/lb Cr contained
Ferrovandium 80% IW Europe	MMAYY04		MMAYY04			Assessment	Thursday	9066	Min one truckload	--	IW	Europe	Release within 30 days	Net 30 days	\$/kg V contained
Ferrotitanium 70% Ti DDP NWE	MMAJW00					Assessment	Thursday	371	Min one truckload	Lump form	DDP	Northwest Europe	Delivery within 30 days	Net 30 days from delivery	\$/kg Ti contained
Americas															
Silicomanganese 65% Mn IW US	MMAGR00	MMAGR03		MMAGR16		Assessment	Wednesday	404	Min 4 truckloads	2.5" x 0.5" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Mn contained
Ferrosilicon 75% Si IW US	MMAFT00	MMAFT03		MMAFT16		Assessment	Wednesday	389	Min 4 truckloads	2" x 0.5", 2" x 1", 4" x 1" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Si contained
Ferromolybdenum DDP US	MMAFQ00	MMAFQ03		MMAFQ16		Assessment	Thursday	386	Min one truckload	--	DDP	US buyer's works	Delivery within 30 days	Net 30 days from delivery	\$/lb Mo contained
Ferromanganese High-Carbon 76% Mn IW US	MMAFH00	MMAFH03		MMAFH16		Assessment	Wednesday	383	Min 4 truckloads	4" x 0.50" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	\$/lt Mn contained
Ferromanganese Medium Carbon 85% Mn IW US	MMAFK00	MMAFK03		MMAFK16		Assessment	Wednesday	383	Min 4 truckloads	2.5" x 0.50" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Mn contained
Charge Chrome 48-52% IW US	MMAEX00					Assessment	Wednesday	380	Min one truckload	2.5" x 1" lumps	IW	All major US warehouse hubs	Release within 30 days	Net 30 days from release	cents/lb Cr contained
Ferrochrome 65% High-Carbon IW US	MMAFA00	MMAFA03		MMAFA16		Assessment	Wednesday	380	Min 4 truckloads	2.5" x 0.5" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Cr contained
Ferrochrome Low Carbon 0.05% IW US	MMAFC00	MMAFC03		MMAFC16		Assessment	Wednesday	380	Min one truckload	2.5" x 0.5" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Cr contained
Ferrochrome Low Carbon 0.10% IW US	MMAIM00	MMAIM03		MMAIM16		Assessment	Wednesday	380	Min one truckload	2.5" x 0.5" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Cr contained
Ferrochrome Low Carbon 0.15% IW US	MMANR00					Assessment	Wednesday	380	Min one truckload	2.5" x 0.5" lumps	IW	All major US warehouse hubs	Release within 60 days	Net 30 days from release	cents/lb Cr contained
Ferrovandium 80% DDP US	MMAFY00	MMAFY03		MMAFY16		Assessment	Thursday	392	Min one truckload	--	DDP	US	Delivery within 30 days	Net 30 days from delivery	\$/lb V contained
Ferrovandium V2O5 DDP US	MMAGD00					Assessment	Thursday	392	Min one truckload	--	DDP	US	Delivery within 30 days	Net 30 days from delivery	\$/lb V contained

FERROALLOYS

Assessment	CODE	Mavg	Wavg	Yavg	MTD	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
Ferrotitanium 70% Ti DDP US	MMAJX00	MMAJX03		MMAJX16		Assessment	Thursday	371	Min one truckload	Lump form	DDP	US	Delivery within 30 days	Net 30 days from delivery	\$/lb Ti contained
Ferrotungsten DDP US	MMAHK00					Assessment	Thursday	410	Min one truckload	--	DDP	US	Delivery within 30 days	Net 30 days from delivery	\$/lb W contained
Asia															
Silicomanganese 65% CIF Japan	MMAJG00					Assessment	Thursday	404	Min 100 mt	10-55 mm lumps	CIF	Main Japanese ports	Loading within 60 days	LC at sight or TT/CAD	\$/mt
Manganese Ore 44% CIF China	AAWER00	AAWER03	AAWER04	AAWER16		Assessment	Friday	395	Min 5000 mt or full hatch	5-80 mm lumps, 90% passing	CIF	Tianjin	Loading 2-8 weeks	Cash at sight	\$/dmu
Manganese Ore 37% CIF China	AAXRX00	AAXRX03		AAXRX16		Assessment	Friday	395	Min 5000 mt or full hatch	5-75 mm lumps, 90% passing	CIF	Tianjin	Loading 2-8 weeks	Cash at sight	\$/dmu
Electrolytic Manganese 99.7% Mn FOB China	MMAIX00					Assessment	Friday	395	Min 20 mt	10 mm x 150 mm x 1.5 mm	FOB	Main Chinese ports	Loading within 30 days	CAD	\$/mt
Ferrosilicon 75% CIF Japan	MMAJP00					Assessment	Thursday	389	Min 100 mt	10-100 mm lumps	CIF	Main Japanese ports	Loading within 60 days	CAD, LC at sight	\$/mt
Ferrosilicon 75% FOB China	MMAKB00					Assessment	Thursday	389	Min 100 mt	10-50 mm lumps	FOB	Main Chinese ports	Loading within 30 days	LC at sight or TT/CAD	\$/mt
Ferromolybdenum CIF Asia	MMAFM00					Assessment	Thursday	386	Min 18 mt		CIF	Asia, basis Osaka, Tianjin and Kaohsiung	Loading within 60 days	CAD, LC at sight	\$/kg Mo contained
Ferromolybdenum FOB China	MMAFP00					Assessment	Thursday	386	20 mt container		FOB	Main Chinese ports	Loading within 30 days	CAD, LC at sight	\$/kg Mo contained
Charge Chrome 48-52% CIF China	CCXIC04	CCXIC03		CCXIC16		Assessment	Wednesday	420	Min 500 mt	10-100 mm lumps	CIF	Main Chinese ports	Delivery within 90 days	CAD, LC at sight	cents/lb Cr contained
High-carbon Ferrochrome 60-65% CIF Japan	MMAEW00	MMAEW03				Assessment	Wednesday	420	Min 100 mt	10-100 mm lumps	CIF	Main Japanese ports	Loading within 60 days	CAD, LC at sight	cents/lb Cr contained
High-carbon Ferrochrome 58-60% CIF China	SB01103					Assessment	Wednesday	420	Min 500 mt	10-150 mm lumps	CIF	Main Chinese ports	Delivery within 60 days	CAD, LC at sight	cents/lb Cr contained
Global															
Molybdenum Oxide Daily Dealer (Global)	MMAYQ00	MMAYQ03	MMAGQ00	MMAYQ16	MMAYQ05	Assessment	Daily	398	18-24 mt	--	IW, CIF, DDP, DDU	Europe, Japan, US, S Korea, Nhava Sheva/Mumbai, Tianjin	Delivery or release within 3-30 days	N/A	\$/lb Mo contained
Molybdenum Oxide Daily Dealer (Global)	MMBYQ00	MMBYQ03		MMBYQ16	MMBYQ05	Calculation	Daily	--	18-24 mt	--	IW, CIF, DDP, DDU	Europe, Japan, US, S Korea, Nhava Sheva/Mumbai, Tianjin	Delivery or release within 3-30 days	N/A	\$/mt Mo contained

Raw materials

Bulk Ferroalloys

Manganese

Platts publishes three manganese assessments in China with the following quality and shipment specifications:

44% Manganese Ore CIF China: high-grade 41% to 46% Mn, normalized to 44% Mn, 6% Fe, 8% SiO₂, 7.99% Al₂O₃, 0.11% P and 3% moisture;

37% Manganese Ore CIF China: 35% to 39% Mn, normalized to 37% Mn, 6% Fe, 4-6% SiO₂, 0.5% Al₂O₃, 0.04% P and 1% moisture;

Electrolytic Manganese 99.7% Mn FOB China: 99.7% to 99.9% Mn flakes, normalized to 99.7% Mn; Si 0.05%, S 0.04%, C 0.04%, Fe 0.03%, P 0.004%, Pb 0.001%; Chinese-origin and imported material, in customs-sealed, 20 ft containers, in 250kg drums, export duty paid.

Market data basis FOB or CIF in other locations may be netted back to base location using prevailing spot freight rates for dry bulk carriers on the day of assessment. For netback/net forward calculations, the appropriate vessel class freight costs are taken into consideration (Handysize/max class vessel). Container shipment is normalized using prevailing freight rates. Special packaging and payment terms are normalized back to stated specification.

Ferromanganese

High-Carbon 76% Mn ferromanganese IW US: 74-78% Mn, normalized to 76% Mn, max 7.5% C, 1.2% Si, 0.5% P, 0.02% S.

Medium-Carbon 85% Mn ferromanganese IW US: 80-85% Mn, normalized to 85% Mn, max 1.5% C, max 1.5% Si, max 0.4% P, 0.2% S.

Silicomanganese

65% Mn silicomanganese IW US: 65-72% Mn, normalized to 65% Mn, 16-18% Si, max 2% C, max 0.35% P, max 0.04% S.

65:16 silicomanganese DDP NWE: 65% Mn, 0.25% P and 1.5% C.

65% silicomanganese CIF Japan: 65-70% Mn, normalized to 65% Mn, max 2-2.5% C, 14-20% Si, max 0.3% P, max 0.02% S, max 0.02% boron, in bulk or super sacks, all origins.

Ferrosilicon

75% Si ferrosilicon IW US: 73-79% Si, normalized to 75% Si, 0.5%-1.5% Al, max 1.5% Ca; max 0.1% C.

75% Si ferrosilicon DDP NWE: 75% Si; normalized to 1.5% Al, 0.02% S and 0.04% P.

75% Si ferrosilicon CIF Japan: Material imported into Japan, 75-79% Si, normalized to 75% Si, max 2% Al, 0.02% S, 0.2% C, 0.05% P; packed in 1mt big bags in seagoing 20-foot (18-24-mt) containers.

75% Si ferrosilicon FOB China: Chinese-origin material with 73-79% Si, normalized to 75% Si; max 1.5% Al, max 0.02% S, max 0.04% P, max 0.2% C; packed in 1 mt big bags loaded on oceangoing vessel or packed in seagoing 20-foot (18-24-mt) containers and customs sealed, export tariff-paid.

Ferrochrome

All Asian ferrochrome/charge chrome assessments reflect material of all origins, packed in 1 mt big bags, or in bulk, and/or in oceangoing, customs-sealed containers at point of export.

All US assessments reflect US-origin and imported duty-paid material in-bulk or 2,000-3,000 lb supersacks. Special packaging and payment terms are normalized to meet stated specifications. The assessments reflect key locations along the Mississippi, Chicago, Ohio and Columbia River systems and other

key port warehousing locations, including Baltimore, Maryland, Long Beach, California and Portland, Oregon. Pricing data reported on a delivered basis is normalized to an in-warehouse basis. Fines are normalized to lump specifications.

48-52% Cr charge chrome IW US: 48-52% Cr, C 8% max, Si 4% max, P 0.03% max, S 0.04% max.

52% Cr charge chrome DDP NWE: 48-52% Cr, max 8% Si and 0.03% P.

48-52% Cr charge chrome CIF China: 48-52% Cr, max 9% C, max 0.05% S, max 0.04% P and max 6% S.

High-Carbon 65% ferrochrome IW US: 60-65% Cr, normalized to 65% Cr, 6-8% C, max 2% Si, max 0.03% P, max 0.04% S.

High Carbon 65% ferrochrome DDP NWE: 60-70% Cr, normalized to 65% Cr, 6-8% C, 1.5% Si and 0.03% P.

High-carbon 60-65% ferrochrome CIF Japan: 60-65% Cr, max 8% C, 2-4% Si, 0.02-0.05% P, 0.05% max S.

High-carbon 58-60% ferrochrome CIF China: 58-60% Cr, max 8% C, max 5% Si, 0.04% max P, 0.05% max S.

Low-Carbon 0.10% ferrochrome DDP NWE: 60-70% Cr, 0.10% C, 0.05% Si, 0.05% P.

Low-Carbon 0.15% ferrochrome IW US: 68-74% Cr, max 0.15% C, max 1% Si, max 0.3% P, max 0.02% S.

Low-Carbon 0.10% ferrochrome IW US: 65-74% Cr, normalized to 68% Cr, max 0.1% C, max 1% Si, max 0.3% P, max 0.02% S.

Low-Carbon 0.05% ferrochrome IW US: 65-74% Cr, normalized to 68% Cr, max 0.05% C, max 1% Si, max 0.3% P, max 0.02% S.

Noble alloys

Molybdenum

Molybdenum Oxide Daily Dealer (Global): The assessment is for “repeatable” dealer to consumer, producer-to-consumer, producer-to-dealer and/or dealer-to-dealer spot sales, technical-grade moly oxide (roasted molybdenum concentrates), min 57% Mo, max 0.5% Cu, 0.05% Pb, drummed material. Platts takes into account pricing information on the following bases: CIF Japan, in-warehouse European ports, delivered US, delivered duty-unpaid South Korean ports, CIF Nhava Sheva/ Mumbai, India and in bonded warehouses in Tianjin, China. Reported sales of powdered material packed in big bags or cans, and of oxide briquettes, are normalized to an equivalent price for powdered material in drums. The daily assessment takes into account all information reported to Platts in the 24-hour period up to 4:30 pm London time each day, except on the last business day of the calendar month, when the cut-off point for information to be included is 1:00 pm London time. Platts publishes weekly volume figures to show total tonnage by region for concluded deals accounted for in the assessment. Platts assesses molybdenum in \$/lb and also publishes a conversion into \$/mt.

Ferromolybdenum

US Free Market ferromolybdenum: The assessment reflects 60% min Mo, 0.5% Cu, delivered.

MW European 65% Ferromolybdenum: The assessment reflects ferromolybdenum with 65% min Mo contained, 0.5% Cu, 1.5% Si, 0.05% P, 0.10% S and 0.1% C, duty-paid, net-cash terms, in-warehouse Rotterdam. Sizing 5-50 mm, 90% passing, packed in 1 mt bags on pallets.

Ferromolybdenum 60% FOB China: The assessment reflects ferromolybdenum exported from Chinese ports for 60-65% Mo contained, normalized to 60% Mo, max 0.1% C, max 1.5% Si, max 0.06% P, max 0.1% S, and max 0.5% Cu; packed in drums (100 kg/250 kg) or bags (1 mt/bag), normalized to 1mt bags.

Ferromolybdenum 60% CIF Asia: The assessment reflects ferromolybdenum imported into Asia, basis par ports as Osaka, Tianjin and Kaohsiung. Deliveries into Indian ports Nhava Sheva and Mumbai, as well as other key ports in the wider Asian region may be reflected in the assessment after normalization. Platts assesses lumps with 60-65% Mo and normalized to 60% Mo, max 0.1% C, max 2% Si, max 0.06% P, max 0.1% S, and max 0.5% Cu; packed in 1mt big bags. Other packaging may be normalized to 1 mt big bags.

Ferrovandium

US Free Market Ferrovandium 80%: The assessment reflects 80% V content; 2% max Si, 2% max Al.

US Free Market V2O5 (vanadium pentoxide): Weekly spot assessment of 98% minimum V content.

Europe- 80% V Ferrovandium: Weekly spot market assessment for ferrovandium normalized to 80% V, on an in-warehouse Europe basis.

Ferrotitanium

MW US 70% Ferrotitanium: Weekly assessment of the spot market price for 70% Ti ferrotitanium, max. 5% Al, 2-3% V, 0.5% tin.

European 70% Ferrotitanium: Weekly spot market assessment for European standard grade 70% Ti ferrotitanium, max. 5% Al, 2-3% V, 0.5% tin. Note: Prior to January 2000, the assessment was made in GBP / kg Ti contained.

Ferrotungsten

MW US Free Market Ferrotungsten: Weekly spot market assessment of min 75% W, max 0.5% Cu.

FERROUS SCRAP

Assessment	CODE	Mavg	Wavg	MTD	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
EMEA														
HMS 1/2 80:20 CFR Turkey	TS01011	TSMK03		TS01049	Assessment	Daily	1323	Min 10,000 mt	--	CFR	Turkey	Delivery 3-8 weeks	At sight	\$/mt
HMS 1/2 75:25 CFR Turkey	FERED00	FERED03	FERDD04		Assessment	Daily	1323	Min 10,000 mt	--	CFR	Turkey	Delivery 3-8 weeks	At sight	\$/mt
HMS 1/2 75:25 FOB Rotterdam	FERDD00	FERDD03	FERDD04		Calculation	Daily	1323	Min 10,000 mt	--	FOB	Rotterdam	--	At sight	\$/mt
A3 CFR Turkey	FEBS000	FEBS03	FEBS04		Assessment	Daily	1323	Max 10,000 mt	GOST A3 2787-75 or equivalent	CFR	Turkey	Delivery 1-4 weeks	At sight	\$/mt
Grade OA Plate and Structural UK Dom Prod Dlv Mill	SB01170	SBMAK03			Assessment	Friday	--	2,000 mt	--	Delivered	UK mill	Delivery within 60 days	At sight	GBP/mt
3B Shredded Scrap UK Dom Prod Dlv Mill	SB01004				Assessment	Friday	--	2,000 mt	--	Delivered	UK mill	Delivery within 60 days	At sight	GBP/mt
4A New Steel Bales UK Dom Prod Dlv Mill	SB01007				Assessment	Friday	--	2,000 mt	--	Delivered	UK mill	Delivery within 60 days	At sight	GBP/mt
Shredded Scrap FOB Rotterdam Export	SB01228				Calculation	Friday	--	Min 10,000 mt	--	FOB	Rotterdam	--	--	\$/mt
Shredded Scrap N Europe Dom Prod Dlv	SB01227				Assessment	Monthly	--	--	--	Delivered	Northern Europe	--	--	Eur/mt
Shredded Scrap N Europe Dom Prod Dlv	SBMAR03				Calculation	Monthly	--	--	--	Delivered	Northern Europe	--	--	\$/mt
Shredded Scrap S Europe Dom Prod Dlv	SB01229				Assessment	Monthly	--	--	--	Delivered	Southern Europe	--	--	Eur/mt
Shredded Scrap S Europe Dom Prod Dlv	SB01263	SBMAS03			Calculation	Monthly	--	--	--	Delivered	Southern Europe	--	--	\$/mt
Americas														
Shredded Scrap Delivered US Midwest	FEMND00	FEMND03	FEMND04		Index	Daily/Weekly	1318	Min 1,000 lt	ISRI 210-211 inclusive	Delivered	US Midwest mill	Delivery within 30 days	Net 30 days after delivery	\$/lt
Shredded Scrap 10-day Average Dlv US Midwest	TS11003				Calculation	Monthly	--	Min 1,000 lt	ISRI 210-211 inclusive	Delivered	US Midwest mill	Delivery within 30 days	Net 30 days after delivery	\$/lt
Shredded FOB US East Coast	FEECD00	FEECD03	FEECD04		Assessment	Daily	1318	10,000-20,000 mt	ISRI 210-211 inclusive	FOB	US East Coast	Delivery 5-45 days	LC at sight	\$/mt
HMS FOB US East Coast	FEECH00	FEECH03	FEECH04		Assessment	Daily	1318	10,000-20,000 mt	ISRI 200-206	FOB	US East Coast	Delivery 5-45 days	LC at sight	\$/mt
HMS 1/2 N Amer Dom Prod Dlv Mill	SB01135	SBMAI03			Assessment	Friday	--	Min 1,000 lt	ISRI 200-206	Delivered	US Midwest mill	Delivery within 30 days	Net 30 days after delivery	\$/lt
Plate and Structural N Amer Dom Prod Dlv Mill	SB01174	SBMAM03			Assessment	Friday	--	Min 1,000 lt	ISRI 231-232	Delivered	US Midwest mill	Delivery within 30 days	Net 30 days after delivery	\$/lt
#1 Busheling Scrap N Amer Dom Prod Dlv Mill	SB01001	SBMAA03			Assessment	Friday	--	Min 1,000 lt	ISRI 207	Delivered	US Midwest mill	Delivery within 30 days	Net 30 days after delivery	\$/lt
Clean Steel Scrap FOT Brazil SE Dom Prod	SB01046				Assessment	Monday	--	500-2,000 mt	--	FOT	Southeast Brazil	Delivery 2-4 weeks	At sight	Real/mt
HMS 1/2 FOT Brazil SE Dom Prod	SB01133	SBMAH03			Assessment	Monday	--	500-1,000 mt	--	FOT	Southeast Brazil	Delivery 2-4 weeks	At sight	Real/mt
Turnings FOT Brazil SE Dom Prod	SB01238				Assessment	Monday	--	500-1,000 mt	--	FOT	Southeast Brazil	Delivery 2-4 weeks	At sight	Real/mt

FERROUS SCRAP

Assessment	CODE	Mavg	Wavg	MTD	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
Asia														
HMS 1/2 80:20 Containerized CFR Taiwan Port	TS01037	TSMBK03			Assessment	Daily	1326	Min 200 mt	ISRI 200-206 inclusive	CFR	Taiwan ports	Shipment 30-60 days	Cash at sight	\$/mt
HMS 1/2 80:20 CFR East Asia	SB01130	SBMAG03			Assessment	Wednesday	1350	30,000-35,000 mt	--	CFR	Dangjin, South Korea	Shipment 8-12 weeks	At sight	\$/mt
Shredded Scrap USA Export CFR E Asia Port	SB01230				Assessment	Monthly	--	25,000 mt	--	CFR	East Asia ports	Delivery 2-6 weeks	At sight	\$/mt
H2 Ferrous Scrap FOB Japan Scrap	AAXWB04	AAXWB03			Assessment	Wednesday	1350	5,000 mt	T 3-6 mm, max W 500 mm, max L 1200mm, weight max 1,000kg	FOB	Tokyo Bay	Shipment 30-60 days	At sight	Yen/mt
H2 Ferrous Scrap FOB Japan Scrap	AAXWC04	AAXWC03			Assessment	Wednesday	1326	5,000 mt	T 3-6 mm, max W 500 mm, max L 1200mm, weight max 1,000kg	FOB	Tokyo Bay	Shipment 30-60 days	At sight	\$/mt
HMS DDP Jiangsu steel mill VAT-inclusive	SB01129	SBMAF03			Assessment	Friday	1326		T >6mm	DDP	Zhangjiagang	Prompt delivery	Bank transfer 90-120 days after delivery	Yuan/mt
Shredded Scrap Auto Tokyo Steel Purchase Prc Dom Prod Delivered Okayama	SB01223				Third party data	Monthly	--	10-20kg to max loading capacity/truck	--	Delivered	Okayama works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	Yen/mt
Shredded Scrap Auto Tokyo Steel Purchase Prc Dom Prod Delivered Okayama	SBMAP03				Calculation	Monthly	--	10-20kg to max loading capacity/truck	--	Delivered	Okayama works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	\$/mt
H2 Scrap Tokyo Steel Purchase Prc Dom Prod Delivered Okayama	SB01109				Third party data	Monthly	--	10-20kg to max loading capacity/truck	T >3 mm, W <700 mm, L <1500 mm	Delivered	Okayama works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	Yen/mt
H2 Scrap Tokyo Steel Purchase Prc Dom Prod Delivered Okayama	SBMAD03				Calculation	Monthly	--	10-20kg to max loading capacity/truck	T >3 mm, W <700 mm, L <1500 mm	Delivered	Okayama works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	\$/mt
Shindachi Bara New Cut Unpressed Tokyo Steel Purchase Prc Dom Prod Dlvd Okayama	SB01221				Third party data	Monthly	--	10-20kg to max loading capacity/truck	T --, W <700 mm, L <1500 mm	Delivered	Okayama works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	Yen/mt
Shindachi Bara New Cut Unpressed Tokyo Steel Purchase Prc Dom Prod Dlvd Okayama	SBMAN03				Calculation	Monthly	--	10-20kg to max loading capacity/truck	T --, W <700 mm, L <1500 mm	Delivered	Okayama works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	\$/mt
Shredded Scrap Auto Tokyo Steel Purchase Prc Dom Prod Delivered Utsunomiya	SB01224				Third party data	Monthly	--	10-20kg to max loading capacity/truck	--	Delivered	Utsunomiya works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	Yen/mt
H2 Scrap Tokyo Steel Purchase Prc Dom Prod Delivered Utsunomiya	SB01110				Third party data	Monthly	--	10-20kg to max loading capacity/truck	T >3 mm, W <700 mm, L <1500 mm	Delivered	Utsunomiya works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	Yen/mt

FERROUS SCRAP

Assessment	CODE	Mavg	Wavg	MTD	Type	Published	Page	Quantity	Dimensions	Incoterms	Location	Timing	Payment	UOM
H2 Scrap Tokyo Steel Purchase Prc Dom Prod Delivered Utsunomiya	SBMAE03				Calculation	Monthly	--	10-20kg to max loading capacity/truck	T >3 mm, W <700 mm, L <1500 mm	Delivered	Utsunomiya works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	\$/mt
Shredded Scrap Auto Tokyo Steel Purchase Prc Dom Prod Delivered Utsunomiya	SBMAQ03				Calculation	Monthly	--	10-20kg to max loading capacity/truck	--	Delivered	Utsunomiya works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	\$/mt
Shindachi Bara New Cut Unpressed Tokyo Steel Purchase Prc Dom Prod Dlvd Utsunomiya	SB01222				Third party data	Monthly	--	10-20kg to max loading capacity/truck	T --, W <700 mm, L <1500 mm	Delivered	Utsunomiya works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	Yen/mt
Shindachi Bara New Cut Unpressed Tokyo Steel Purchase Prc Dom Prod Dlvd Utsunomiya	SBMA003				Calculation	Monthly	--	10-20kg to max loading capacity/truck	T --, W <700 mm, L <1500 mm	Delivered	Utsunomiya works gate	Prompt delivery	Bank transfer 90 days from mid- or end-month	\$/mt
Shredded Scrap CFR Nhava Sheva	AAXRQ04	AAXRQ03			Assessment	Friday	--	Min 200 mt	Average density of 70 lb/square CFR foot		Nhava Sheva, India	Delivery 2-8 weeks	At sight	\$/mt

Ferrous Scrap

TS01011 HMS 1/2 80:20 CFR Turkey: Heavy Melting Scrap, Grade 1 and 2 in a mix of 80/20. Platts normalizes market data to a premium HMS 1/2 (80:20) standard. This normalization process is carried out using observed market trade differentials between HMS 1/2 blends from various supply regions, such as the US East Coast, Baltic ports or Benelux and UK terminals. Other grades, such as shredded or bonus scrap, are normalized back to a premium HMS 1/2 (80:20) standard. Platts publishes the price series on a CFR Turkey basis, rather than CFR Iskenderun port, in light of the consistency in demand between the three large scrap-melting regions in Turkey. The cargoes may be a mixture of grades. The assessment is published to the nearest \$0.25/mt.

FERDD00 HMS 1/2 75:25 FOB Rotterdam: Heavy Melting Scrap, Grade 1 and 2 in mix 75/25. All other grades are normalized back to this grade based on prevailing market extras. This value is calculated as a freight netback from the HMS 1/2 75:25 CFR Turkey (FERED00) assessment, using the Rotterdam-Aliaga freight assessment (MSRAT00).

FEMWD00 Shredded Delivered US Midwest: Shredded steel scrap according to ISRI 210-211 classification or equivalent, specifying homogeneous and magnetically separated iron and steel scrap originating from automobiles, unprepared No. 1 and No. 2 steel, and miscellaneous baling and sheet scrap, with an average density of 70 lb/cubic foot. Other grades of steel scrap can be normalized to ISRI 210-211 where appropriate.

The US scrap market trades using a “buy-week” period that can take place towards the end of the month of delivery minus one (M-1) or at the start of the delivery month (M). These periods are in any case the times that tend to see the highest degree of trade activity. The index takes into account market data for material designated for shipment in that respective month.

As a consequence, Platts values the market every day in the last week of M-1 and the first week of M. The M-1 week is defined as the last week that begins (on a Monday) with a date in M-1; the M week is defined as the first week that starts (on a Monday) with a date in M.

Prices are then assessed weekly (on Fridays) in M until the last week begins, when daily publication would resume. This value is calculated as a volume-weighted average.

TS11003 Shredded Scrap 10-day average delivered US Midwest: This calculated average is based on the first 10 days of a month for Shredded delivered US Midwest steel scrap (FEMWD00).

FEECD00 Shredded FOB US East Coast: Shredded scrap according to ISRI 210-211 classification or equivalent, specifying homogeneous iron and steel scrap, magnetically separated, originating from automobiles, unprepared No. 1 and No. 2 steel, miscellaneous baling and sheet scrap. Average density 50-70 lb/cubic foot. Other grades of steel scrap can be normalized back where appropriate based on prevailing market fundamentals.

FEECH00 HMS FOB US East Coast: Heavy Melting Scrap, ISRI 201 classification or equivalent, specifying wrought iron and/or steel scrap ¼ inch and over in thickness. Individual pieces not over 36 x 18 inches (charging box size) prepared in a manner to insure compact charging.

AAXWB04 H2 FOB Japan: Thickness: minimum 3mm to maximum less than 6mm, width and length maximum 500mm and 1,200mm respectively, and weight, maximum 1,000kg. Shindachi grade scrap trades are normalized to H2 grade scrap.

AAXRQ04 Shredded CFR Nhava Sheva: Containerized shredded ferrous scrap complying with ISRI 211 classification or equivalent, specifying homogeneous and magnetically separated iron and steel scrap originating from automobiles, unprepared No. 1 and No. 2 steel, and miscellaneous baling and sheet scrap, with an average density of 70 lb/square foot. Other grades of steel scrap can be normalized to ISRI 211 where appropriate.

SB01130 HMS 1/2 80:20 CFR East Asia: Heavy Melting Scrap, Grade I and II in mix 80:20. All other grades are normalized back to this grade based on prevailing market extras. Typical 'deep sea' seaborne bulk quantities of 30,000-35,000 mt. Lead time 8-12 weeks.

TS01037 HMS 1/2 80:20 Containerized CFR Taiwan Port: this assessment reflects deliveries into Taiwan ports.

For all other Assessments Specifications please refer to the Table above.

METALLICS

Assessment	Code	Mavg	Wavg	Yavg	Type	Published	Page	Quantity	Quality/Dimensions	Location	Location	Timing	Payment	UOM
Metallics	SB01171	MMAWY03			Assessment	Friday	1114	10,000-20,000 mt	GOST 805-95 standard, or PL-1 & PL-2 grades	FOB	Mariupol	Loading 2-8 weeks	At sight	\$/mt
Pig Iron Brazil Export FOB Southeastern Ports	SBPIB04	SB01172			Assessment	Friday	--	25,000-35,000 mt	--	FOB	Southeastern ports, Brazil	Shipment 4-8 weeks	At sight	\$/mt
HBI Venezuela Export FOB Venezuelan Ports	SB01116	SBMAV03			Assessment	Friday	--	10,000-30,000 mt	Metallization 94%; total Fe 88.3%-94%; metallic Fe 83%-88.4%, 0.8%-1.1% C, 0.02 S, max 0.07% P. Dimensions: 110 x 50 x 30 mm	FOB	Puerto Ordaz	Shipment 4-6 weeks	Cash before delivery	\$/mt
Pig Iron CIF New Orleans	MMPN004	MMPN003			Assessment	Friday	1114	30,000 mt	Max phosphorus 0.12% CIF		New Orleans	Delivery 5-10 weeks	At sight	\$/mt

DERIVATIVES

Assessment	Code	Type	Published	Page	Incoterms	Location	Timing
Scrap							
HMS 1/2 80:20 CFR Turkey Derivative Current Month (Mo0)	ACTAB00	Assessment	Daily	PMA1323	CFR	Turkey	Current month
HMS 1/2 80:20 CFR Turkey Derivative Mo01	ACTAM01	Assessment	Daily	PMA1323	CFR	Turkey	First month after current month
HMS 1/2 80:20 CFR Turkey Derivative Mo02	ACTAM02	Assessment	Daily	PMA1323	CFR	Turkey	Second month after current month
HMS 1/2 80:20 CFR Turkey Derivative Mo03	ACTAM03	Assessment	Daily	PMA1323	CFR	Turkey	Third month after current month
Rebar							
Steel Rebar FOB Turkey Derivative Current Month (Mo0)	STRTB00	Assessment	Daily	PMA1315	FOB	Turkey	Current month
Steel Rebar FOB Turkey Derivative Mo01	STRTM01	Assessment	Daily	PMA1315	FOB	Turkey	First month after current month
Steel Rebar FOB Turkey Derivative Mo02	STRTM02	Assessment	Daily	PMA1315	FOB	Turkey	Second month after current month
Steel Rebar FOB Turkey Derivative Mo03	STRTM03	Assessment	Daily	PMA1315	FOB	Turkey	Third month after current month

Derivatives

Ferrous Scrap & Rebar Forward Curves

Platts publishes daily assessments for monthly HMS 1/2 80:20 CFR Turkey scrap and monthly Steel Rebar FOB Turkey derivatives. These derivatives are traded outright or in intermonth spreads.

They financially settle off the average value of the underlying physical benchmark price, Platts TSI HMS 1/2 80:20 CFR Turkey

and Platts Steel Rebar FOB Turkey, as published on each day during the month of trade (e.g. November). Platts publishes derivatives assessments for current month (Mo0), month one (Mo01), second month (Mo02) and third month (Mo03) strips. Monthly assessments are rolled on the first day of the month. For example, during October 2021 the Mo01 derivative will be November 2021 and Mo02 will be December 2021. On November 1 Mo01 derivative will roll to December and Mo02 will roll to January. For the current month derivative, the value is databased until the end of the month, when it converges with the month-to-date average of the underlying benchmark..

STEEL MILL ECONOMICS

Description	Code	Mavg	Qavg	Type	Published	Page	UOM
Turkey ARC Steel Tracker							
Turkey ARC Industry Composite Index	FETKL00	FETKL03		Calculation	Daily	PMA1340	%
Turkey ARC Market Indicator	FETKE20	FETKE23		Calculation	Daily	PMA1340	%
Turkey ARC Market Indicator \$/mt	FETKE00	FETKE03		Calculation	Daily	PMA1340	\$/mt
Turkey ARC Billet 60-day Index	FETKI10	FETKI13		Calculation	Daily	PMA1340	%
Turkey ARC Billet 60-day Index \$/mt	FETKI00	FETKI03		Calculation	Daily	PMA1340	\$/mt
Turkey ARC Billet 30-day Index	FETKH10	FETKH13		Calculation	Daily	PMA1340	%
Turkey ARC Billet 30-day Index \$/mt	FETKH00	FETKH03		Calculation	Daily	PMA1340	\$/mt
Turkey ARC Rebar 30-day Index	FETKJ10	FETKJ13		Calculation	Daily	PMA1340	%
Turkey ARC Rebar 30-day Index \$/mt	FETKJ00	FETKJ03		Calculation	Daily	PMA1340	\$/mt
Turkey ARC Rebar 60-day Index	FETKK60	FETKK13		Calculation	Daily	PMA1340	%
Turkey ARC Rebar 60-day Index \$/mt	FETKK00	FETKK03		Calculation	Daily	PMA1340	\$/mt
Turkey ARC Scrap 30-day Index	FETKF10	FETKF13		Calculation	Daily	PMA1340	%
Turkey ARC Scrap 30-day Index \$/mt	FETKF00	FETKF03		Calculation	Daily	PMA1340	\$/mt
Turkey ARC Scrap 60-day Index	FETKG10	FETKG13		Calculation	Daily	PMA1340	%
Turkey ARC Scrap 60-day Index \$/mt	FETKG00	FETKG03		Calculation	Daily	PMA1340	\$/mt
MVS China Steel Mill Margins							
China HRC dom steel mill margin (MVS)	AMVSA00	AMVSA03		Calculation	Daily	PMA1330	\$/mt
China rebar dom steel mill margin (MVS)	AMVSB00	AMVSB03		Calculation	Daily	PMA1330	\$/mt
Differentials, ratios							
HRC ASEAN Spread	AOPFE00	AOPFE03	AOPFE05	Calculation	Daily	PMA1330	\$/mt
HRC China Export Spread	AOPKE00	AOPKE03	AOPKE05	Calculation	Daily	PMA1330	\$/mt
Rebar China Export Spread	AOPLE00	AOPLE03	AOPLE05	Calculation	Daily	PMA1330	\$/mt
Rebar Scrap Turkey Spread	AOPGE00	AOPGE03	AOPGE05	Calculation	Daily	PMA1330	\$/mt
Rebar Black Sea Billet Spread	AOPHE00	AOPHE03	AOPHE05	Calculation	Daily	PMA1330	\$/mt
HRC Scrap US Spread	AOPIE00	AOPIE03	AOPIE05	Calculation	Friday	PMA1330	\$/st
Rebar Scrap US Spread	AOPJE00	AOPJE03	AOPJE05	Calculation	Friday	PMA1330	\$/st
Turkey Scrap Iron Ore Daily Ratio	AAYIV00	AAYIV03		Calculation	Daily	PMA1323	
US Scrap Iron Ore Daily Ratio	AATIV00	AATIV03		Calculation	Daily	PMA1318	

Steel Mill Economics

Platts Steel Mill Economics consists of a series of indicative margin price spreads aimed at assisting modelling, cost, procurement and marketing trends, and arbitrage analysis.

The spreads are generated using Platts price assessments and TSI indices.

The suite of spreads captures the indicative costs of raw material inputs and finished products for blast furnace and electric arc furnace (scrap-based) steelmaking operations in Asia, Turkey and the US.

Typically, the spreads represent the differences between the prices of intermediate or downstream steel products and the prices of upstream raw materials needed to produce them.

The Steel Mill Economics price spreads are published daily or weekly as specified, with all of the series available as monthly and quarterly averages.

Daily series

HRC ASEAN Spread (\$/mt):

TSI HRC Asean Imports* CFR Asean Port *HRC basis SAE1006 – (1.6* TSI Iron Ore Fines 62% Fe China Imports CFR Tianjin Port + 0.6* TSI Prem JM25 Coking Coal China Imports CFR Jingtang Port)

AOPFE00 = TS01041 – (1.6* TS01021 + 0.6* TS01044)

HRC China Export Spread (\$/mt):

HRC FOB China \$/mt – (1.6* IODEX CFR CHINA 62% Fe \$/Dmt+0.6* Prem Low Vol HCC CFR China

AOPKE00 = STHRZ02 – (1.6* IODBZ00 + 0.6* PLVHC00)

Rebar China Export Spread (\$/mt):

Rebar FOB China \$/M – (1.6* IODEX CFR CHINA 62% Fe \$/Dmt+0.6* Prem Low Vol HCC CFR China

AOPLE00 = STCBZ02 – (1.6* IODBZ00 + 0.6*PLVHC00)

Rebar Scrap Turkey Spread (\$/mt):

Steel Rebar FOB Turkey \$/mt – TSI HMS 1/2 80:20 Deep-sea Turkey Imports CFR Iskenderun Port

AOPGE00 = STCBM00 – TS01011

Rebar Black Sea Billet Spread (\$/mt):

Steel Rebar FOB Turkey \$/mt – Steel Billet FOB Black Sea \$/Mt

AOPHE00 = STCBM00 – STBLB00

Weekly series

HRC Scrap US Spread (\$/st):

US HRC EXW Indiana \$/short ton (weekly average value) – (Platts TSI Shredded Scrap Delivered US Midwest \$/long ton/1.12)

AOPIE00 = TS01018 – (FEMWD00/1.12)

Rebar Scrap US Spread (\$/st):

Rebar EXW US SE \$/St (weekly value) – (Platts TSI Shredded Scrap Delivered US Midwest long tons/1.12)

AORJE00 = STCBC00 – (FEMWD00/1.12)

The weekly series are dated each Friday.

Platts MVS China Steel Mill Margins

Platts MVS China HRC Domestic Steel Mill Margin and Platts MVS China Rebar Domestic Steel Mill Margin provide an indication of the spread of raw material and other costs against

finished steel prices using MVS's proprietary modelling.

The daily spreads use Chinese domestic hot-rolled coil and reinforcing bar prices against a variety of input costs.

These include several different grades of metallurgical coal, Chinese domestic met coke, ferrous scrap, and various iron ore products including fines, concentrate, lump and pellets.

They use assumptions arrived at by market survey around operating costs and logistics, providing an indication of underlying mill margins.

The Platts MVS spreads represent the difference between ex-VAT prices of finished steel products with VAT-inclusive raw material prices.

The spreads are published using the daily USD/CNY exchange rate.

The spreads reflect those from a typical large northern China coastal steel mill.

Underlying steel mill operations and markets related to calculating the spreads are tracked by Platts Analytics on an ongoing basis, with changes to the model reviewed on a quarterly basis.

Platts Turkey ARC Steel Tracker

The Platts Turkey ARC Steel Tracker (Turkey ARC) has been designed to analyze price relationships of inputs and outputs to regional electric arc furnaces and rolling mills, and daily index and monetary values are given for each commodity and the market.

Turkey ARC uses relative proportional analysis, based on prices, to help track interrelated commodity price relationships

compared to 30-day and 60-day moving averages.

This is an analysis tool based on the spreads between STCBM00: Turkey Rebar FOB; STBLB00: Black Sea Billet FOB (given an adjustment factor based on freight rates to allow for a net forward CFR Turkey billet value to be created); and (TS01011) TSI HMS 1/2 80:20 Deep-sea Turkey Imports CFR Iskenderun Port reference price, TS01011 replaced use of FETKD00: Platts Turkey Ferrous Scrap HMS 80:20: CFR reference effective March 1, 2016.

From January 4, 2016, the Turkey ARC indexes are generated using a dynamic weighting system to better align with shorter term trends. Platts stopped using a longer term fixed weighting as part of the calculation process for the individual index weightings for scrap, billet and rebar indexes.

The market direction metric indicates daily overall price movement in the steel industry's relevant supply chain. A composite index for the industry based on the total value of the three ARC commodity prices is published with a base value is of July 6, 2012, is available.

The data is available from July 2012.

GLOSSARY

Incoterms

CFR – cost and freight

CIF – cost, insurance and freight

DDP – delivered duty paid

EXW – ex-works

FCA – free carrier

FOB – free on board

FOT – free on truck

IW – in-warehouse

Chemical symbols:

Al – Aluminum

C – Carbon

Cr – Chrome

Cu – Copper

Mn – Manganese

S – Sulphur

Si – Silicon

P – Phosphorous

Pb – Lead

Other

HMS – heavy melting scrap

Main Japanese ports - Yokohama, Nagoya and Osaka

NWE – Northwest Europe

REVISION HISTORY

August 2020: Platts conducted annual review of the guide and made clarifications throughout. These included specifying the timing for assessments and indices as delivery, loading, shipment or release; clarifying volumes, payment terms and other specifications where they were previously missing or inconsistent. The textual description of the carbon steel assessments has been condensed to remove repetition and overlap with the specifications described in the tables.

May 2020: Updated frequency and specifications of Billet CFR Southeast Asia (SB01035) and Billet Ex-stock Tangshan (SB01032) assessments. Clarified specifications for Tokyo Steel list prices for H Beam, Rebar, H2 Scrap and Shindachi Bara Scrap.

April 2020: Renamed and updated specifications of HRC CFR Southeast Asia SAE1006 assessment. Clarified specifications for Tokyo Steel HRC list prices. Updated frequency and specifications for HDG EXW Indiana (incl. G90) assessment and launched HDG EXW Indiana price, excluding coating.

February 2020: Removal of Rebar Europe Imp CIF S Euro Port Mthly assessment, following discontinuation effective February 3

December 2019: Changed frequency of the I/II (80:20) Containerized CFR Taiwan price assessment from weekly (Friday) to daily, amended its timing from loading 0-30 days to shipment 30-60 days.

November 2019: Platts conducted annual review of the specifications guide and made stylistic and structural changes of the guide throughout. As part of the review, Platts added missing and corrected erroneous assessment codes; removed the section with a brief explanation of how derivatives markets work; aligned description of assessments in the table with the description in the text; added frequency of publication and fixed pages where the assessments are published, created a symbols table for the steel mill margins and spreads.

November 2019: Changed incoterm of Brazilian Ferrous Scrap assessments (Clean Steel Scrap, HMS I/II and Turnings) to FOT from delivered. Corrected currency for the Medium Sections FOB Turkish Port monthly price to \$/mt from incorrectly stated Yuan/mt. Changed the methodology of six weekly European ferrous assessments (rebar, plate, CRC and HDG) to market on close and away from the weighted averages.

October 2019: Removal of Merchant Bar Europe Import CIF South Europe monthly assessment from table (was discontinued in 2014).

September 2019: Launched Rebar Forward Derivatives for Current Month, Month 01, Month 02 and Month 03.

May 2019: Clarified the TS11003 Shredded Scrap 10-day average Dlvd US Midwest assessment.

April 2019: Updated to reflect frequency changes and discontinuations of some US and Latin American steel assessments. Updates specifications of CFR Southeast Asia billet assessment (SB01035).

November 2018: Changed Turkey rebar FOB assessment volume from 2,000- 3,000 mt to 10,000 mt. Clarified lead times for North-European coil assessments.

September 2018: Completed annual methodology review and clarified or updated where necessary. Updated sections I-VI of the methodology guide. Updated US import assessments based on incoterm change to DDP from CIF. Updated to reflect the discontinuation of eight European steel assessments.

May 2018: Updated to reflect change in China's VAT rate.

April 2018: Updated to reflect launch of daily HRC FOB China SAE1006 assessment (STHSA00) and the calculation of HRC FOB China SAE1006 Premium (STHRY00). Updated to reflect changes to FOB Black Sea slab assessment and FOB Venezuela HBI assessment.

March 2018: Updated to reflect changes to Turkish steel methodology and clarification of EMEA HDG EXW assessments.

February 2018: Updated to reflect launch of weekly US CIF NOLA pig iron assessment (MMPN004).

January 2018: Updated to reflect change in incoterm to US Plate price series (STPRI00).

December 2017: Updated to reflect launch of Turkey scrap swaps, CFR Taiwan scrap methodology change, amended typos. Updated to reflect changes to India HRC assessment.

November 2017: Updated to reflect changes to US Plate and Ferrous Scrap coverage. Updated to add TSI codes to methodology guide.

October 2017: Completed annual methodology review and clarified or updated where necessary. Updated to reflect alignment and elimination of duplications for various Asia Platts and TSI steel indices and assessments

August 2017: Updated to reflect methodology changes to the European flat-rolled steel assessments.

July 2017: Updated Platts MVS China Steel Mills Margins model.

April 2017: Removed DDP NW European HRC & CRC specs, as assessment discontinued.

March 2017: Added "in-warehouse Tianjin" as a basis point for the daily dealer molybdenum oxide (MMAYQ00) assessment.

January 2017: Discontinued Japanese charge chrome list price from NSSC.

November 2016: Changed basis of Rebar Shanghai domestic ex-stock assessment to ex-works Jiangsu. Clarifies specifications of HDG China domestic and FOB China assessments.

October 2016: Clarified specification for “HDG Turkey Dom Prod Ex-Works Mthly” assessment.

September 2016: Annual Review: Platts updated this guide to house style. All references to metric tons are now ‘mt’, short tons are ‘st’, Hundredweight are ‘CWT’, Euros are ‘EUR’, US dollars are ‘\$’, and cents are ‘cents’. On p.2, ‘Platts’ was updated to ‘S&P Global Platts’. All references to ‘steel and ferrous scrap’ have been updated to ‘steel, ferrous scrap and ferroalloys’. On p.21, the last sentence under the entry for ‘44% Manganese Ore CIF China’ has been removed. On p.21, ‘CIF North China basis, basis Tianjin’ has been corrected to ‘CIF North China basis, Tianjin’. ‘LC at site’ has been amended to ‘LC at sight’ throughout the document. On p.24, for ‘High-carbon 6—65% CIF Japan’, the minimum order has been corrected from 200mt to 100mt. On p.25, ‘Europe- 80% V Ferrovandium’ has been amended to ‘weekly spot market assessment’. Also on p.25, ‘MW US Free Market Ferrotungsten’ has been updated to ‘weekly spot market assessment’. In relation to tables on pages 8-15, 18-21, 26-29, quantity, location, payment terms, and UOM have been standardized in line with house style and Incoterms. On p.9, ‘HRC Brazil Dom Prod Ex-Works Mthly’ has been amended to ‘HRC Brazil Dom Prod Ex-Works Wkly’. On p.14, ‘Rebar 10MM Brazil SE Dom Prod Ex-Works mthly’ has been amended to ‘Rebar 10MM Brazil SE Dom Prod Ex-Works Wkly’. On p. 26, ‘Shredded DEL US East Coast Dockside’ has been amended to ‘Shredded FOB US East Coast’. On p.20 the quantity for Ferrosilicon 75% FOB China Wkly and Ferromolybdenum CIF Jap Wkly has been amended to ‘min 18-24mt’. Also, on 20, the quantity for Manganese Ore 44% CIF China \$/dmtu and Manganese Ore 37% CIF China \$/dmtu has been amended to ‘min 5,000 mt or full hatch’.

September 2016: Added Square Bar FOB China assessment details. Clarified HMS I/II 80:20 CFR Turkey ferrous scrap assessment process.

July 2016: Updated the assessment name in the table for Ferrosilicon CIF Japan to include 75% grade content. Updated the assessment name in the table for Silicomanganese CIF

Japan to include 65% grade content. Removed the discontinued domestic China ferrochrome price (SB01104) from the table in the guide.

July 2016: Changed the specifications of northwest European ex-works steel rebar assessment (STCBE00) to 12-16mm from 16-20mm.

May 2016: Added Platts MVS China Steel Mill Margins with details.

April 2016: Updated Steel Mill Economics with new spreads launched April 1, 2016, and further details. Removes reference to taxes earlier specified on steel products from Brazil. Adds monthly scrap codes for H2 Ferrous Scrap FOB Japan Scrap Weekly Assessment and HMS 1/2 80:20 CFR East Asia.

March 2016: Amended this guide to add TSI Turkey Scrap import reference price added to Turkey ARC index, replacing Platts Turkey Scrap import assessment.

January 2016: Amended this guide to add details on Turkey ARC index weighting change. Added updated methodology and specifications for heavy melting scrap, CFR East Asia and H2 ferrous scrap, FOB Japan

November 2015: Amended this guide to remove duplicative HRC descriptions for HRC Ex-works Indiana and CIF US Gulf Coast, and to remove a listing for an Ex-works Indiana hot-dipped galvanized price assessment that was never developed. Added missing specifications for the North American stainless steel series to include not just surcharges but also the corresponding transaction and base prices.

November 2015: Deleted assessments discontinued on October 30, 2015, for FOB China ferromanganese and silicomanganese. Deleted duplicative listing in the table of US Ferrovandium price assessment. Added missing Ferrotitanium descriptions to the table. Fixed typo under Steel Mill Economics Spreads, correcting symbol for China Flat Steel Spread (CFSS using TSI) weekly.

October 2015: Revised FOB Turkey rebar delivery timing and payment terms. Fixed typos on Black Sea slab and ferrovandium descriptions.

September 2015: Updates frequency and specifications of Rebar FOB China assessment and added SBB1032 Billet ex-Tangshan. Added a sentence to reference Assessment descriptions not listed in the text to refer to the tables.

May 2015: Changes frequency of Hot Rolled Coil FOB China assessment to daily and adds specifications of new HRC FOB China SAE1006 Premium assessment. Clarifies FOB China Wire Rod assessment to be reflective of Mesh Quality.

February 2015: This methodology guide was updated to include further description of Platts’ processes and practices in survey assessment environments.

February 2015: Changed frequency of Wire Rod Mesh Quality N Amer Dom Prod Ex-Mill US MW from monthly to weekly.

December 2014: Platts added HRC DDP West Midlands, UK, under Carbon Steel, hot-rolled coil. Platts added 37% Manganese ore CIF China under raw materials. Platts added Indian containerized shredded scrap CFR Nhava Sheva, India, under Ferrous Scrap.

December 2014: Platts added methodology for Turkey ARC Steel Tracker under steel mill economics.

July 2014: Platts revamped all Metals Methodology and Specification guides, including its Steel & Ferrous Scrap guide, in July 2014. This revamp was completed to enhance the clarity and usefulness of all guides, and to introduce greater consistency of layout and structure across all published methodology guides. Methodologies for market coverage were not changed through this revamp, unless specifically noted in the methodology guide itself.