

Specifications Guide Global Bunker Fuels

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

The following specifications guide contains the primary specifications and methodologies for S&P Global Platts bunker fuel assessments and indexes around 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.

These guides are designed to give 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.

Bunker Fuel Specifications

Globally, Platts assesses several grades of marine fuel: Marine Fuel 0.5% bunker, intermediate fuel oil (IFO) 380 centistoke (CST), IFO 500 CST, marine diesel (MDO) and marine gasoil (MGO), as well as low sulfur grades. Platts reflects bunker fuel specifications set out by the International Convention for the Prevention of Pollution from Ships (MARPOL) in global bunker fuel assessments.

The IMO-compliant Marine Fuel 0.5% bunker assessments reflect specifications for RMG fuels as defined by the International Organization for Standardization in document ISO 8217:2010 Petroleum products — Fuels (class F) — Specifications of marine fuels, but with a maximum sulfur limit of 0.5% and a minimum viscosity of 30 CST at 50 degrees Celsius.

High sulfur bunker fuel assessments globally reflect maximum sulfur content of 3.5%. The worldwide market generally follows similar specifications for these grades in all locations. All Platts bunker assessments published globally conform to specifications as defined by the International Organization for Standardization in document ISO 8217:2010 Petroleum products - Fuels (class F) - Specifications of marine fuels. Bunker fuel reflected in Platts assessments shall not contain Used Lubricating Oil (ULO). Fuel is deemed to contain used lubricants when either a) Calcium exceeds a 30 mg/kg maximum and Zinc exceeds a 15 mg/kg maximum; or b) Calcium exceeds a 30 mg/kg maximum and Phosphorus exceeds a 15 mg/kg maximum. Product reflected in Platts fuel oil assessments shall not contain petrochemical wastes, residues from acid-catalyzed refining process, spent chemicals, waste lubricants, tar bottoms or hazardous waste. Furthermore, product containing any material proven to cause ship engine damage at certain reported levels is considered unmerchantable. For instance, Platts understands that fatty acid methyl esters, or FAME, is commonly found in fuel oil in trace amounts, and are not deemed harmful to ship engines at those levels. Platts is also aware that heavy fatty acids are not deemed harmful to ship engines when registering at trace levels.

The ISO 8217:2010 standard includes the Micro Carbon Residue (MCR) standard for measuring material's coke-forming tendencies. Platts therefore no longer specifies the Conradson Carbon Residue (CCR) measurement used in some of Platt's fuel oil assessments in order to remain consistent with the ISO 8217:2010 standard. The two measuring bases express the results of two different, but considered broadly equivalent, tests measuring coke-forming tendencies in tested substances. In both the cases of MCR and CCR, the results of the two relevant tests are expressed in the same manner of mass of carbon in the material being tested (% m/m).

Unless otherwise specified, Platts bunker fuel assessments for all ports reflect the following standards:

Marine Fuel 0.5% bunker: Specifications generally conform with ISO 8217:2010 standards for RMG fuels but the additional requirement of a minimum viscosity of 30 CST at 50 degrees Celsius. These include: Calculated Carbon Aromaticity Index: 870 maximum; Sulfur: maximum 0.5%; Flash point: minimum 60 degrees Celsius; Hydrogen sulfide: 2 mg/kg maximum; Acidity: 2.5 mg KOH/g maximum; Pour point (upper) winter quality: 30 degrees Celsius maximum, summer quality: same; Water: 0.5% maximum; Ash: 0.10% maximum; Vanadium: maximum 350 mg/kg; Sodium: maximum 100 mg/kg; Aluminum plus Silicon: 60 mg/kg maximum.

IFO 500 CST: Platts IFO 500 CST assessments reflect specifications for RMK 500 CST, ISO 8217: 2010. These include: Approximate Kinematic Viscosity: maximum 500 CST at 50 degrees Celsius; Sulfur: maximum 3.5%; Flash point: minimum 60 degrees Celsius; Pour point (upper) winter quality: maximum 30 degrees Celsius, summer quality: same; Water: maximum 0.5%; Ash: maximum 0.15%; Vanadium: maximum 450 mg/kg; Aluminum plus silicon: maximum 60 mg/kg.

IFO 380 CST: Specifications generally conform with that of RMG 380 CST, ISO 8217:2010. These include: Approximate Kinematic Viscosity: maximum 380 CST at 50 degrees Celsius; Calculated Carbon Aromaticity Index: 870 maximum; Sulfur: maximum 3.5%; Flash point: minimum 60 degrees Celsius; Hydrogen sulfide: 2 mg/kg maximum; Acidity: 2.5 mg KOH/g maximum; Pour point (upper) winter quality: 30 degrees Celsius maximum, summer quality: same; Water: 0.5% maximum; Ash: 0.10% maximum; Vanadium: maximum 350 mg/kg; Sodium: maximum 100 mg/kg; Aluminum plus Silicon: 60 mg/kg maximum.

Low sulfur 1% bunker fuels: Platts assesses low sulfur 380 CST and 180 CST bunker fuel with a maximum sulfur limit of 1% at various ports.

Marine diesel oil 0.5%: Specifications generally conform with that of DMB, ISO 8217:2010, with a maximum sulfur content of 0.5%. These include: Kinematic viscosity at 40 degrees Celsius: maximum 11 CST and minimum 2 CST; Cetane index: minimum 35; Sulfur: maximum 0.5%; Flash point: minimum 60 degrees Celsius; Hydrogen sulfide: 2 mg/kg maximum; Acidity: 0.5 mg KOH/g maximum; Oxidation stability: 25 g/m³; Pour point (upper) winter quality: 0 degrees Celsius maximum, summer quality: 6 degrees Celsius maximum; Water: 0.3% maximum; Ash: 0.01% maximum; Lubricity at 60 degrees Celsius: 520 μ m.

Marine gasoil 0.5%: Specifications generally conform with that of DMA, ISO 8217:2010, with a maximum sulfur content of 0.5%. These include: Kinematic Viscosity at 40 degrees Celsius: maximum 6 CST and minimum 2 CST; Cetane index: minimum 40; Sulfur: maximum 0.5%; Flash point: minimum 60 degrees Celsius; Hydrogen sulfide: 2 mg/kg maximum; Acidity: 0.5 mg KOH/g maximum; Oxidation stability: 25 g/m³; Pour point (upper) winter quality: - 6 degrees Celsius maximum, summer quality 0 degrees Celsius maximum; Ash: 0.01% maximum; Lubricity at 60 degrees Celsius: 520 μ m.

Marine gasoil 0.1%: Specifications generally conform with that of DMA, ISO 8217:2010, with a 0.1% sulfur maximum limit.

Marine diesel oil 0.1%: Platts assess prices of low sulfur marine diesel oil that generally conform with that of DMB ISO 8217:2010 with a maximum sulfur content of 0.1%.

Ultra low sulfur bunker fuel: Platts assess 0.1% sulfur bunker fuel. Specifications in Europe conform with an RMD 80 specification.

ASIA AND THE MIDDLE EAST

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Min size	Max size	Currency	Uom	Conv
Marine Fuel 0.5% bunker Dlvd Singapore	MFSPD00	MFSPD03			Delivered	Singapore	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Fujairah	MFFJD00	MFFJD03			Delivered	UAE	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Japan	MFJPD00	MFJPD03			Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd South Korea	MFSKD00	MFSKD03			Delivered	South Korea	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Hong Kong	MFHKD00	MFHKD03			Delivered	Hong Kong	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Shanghai	MFSHD00	MFSHD03			Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Zhoushan	MFZSD00	MFZSD03			Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Sydney	MFDSY00	MFDSY03			Delivered	Australia	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Melbourne	MFDMB00	MFDMB03			Delivered	Australia	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Mumbai	MFDMM00	MFDMM03			Delivered	India	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Colombo	MFDCL00	MFDCL03			Delivered	Sri Lanka	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Kuwait	MFDKW00	MFDKW03			Delivered	Kuwait	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Khor Fakkan	MFDKF00	MFDKF03			Delivered	UAE	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Ex-Wharf Singapore	MFSPE00	MFSPE03			Ex-Wharf	Singapore	3-15 days	1,000	6,000	US\$	Metric Tons	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Zhoushan	MFZHN00	MFZHN03			Ex-Wharf	China	3-15 days	1,000	6,000	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Ex-Wharf Fujairah	MFFJE00	MFFJE03			Ex-Wharf	UAE	5-15 days	2,000	7,000	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Fujairah	PUAXP00	PUAXP03			Delivered	UAE	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Ex-Wharf Fujairah	AAYBF00	AAYBF03			Ex-Wharf	UAE	5-15 days	2,000	7,000	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Hong Kong	PUAER00	PUAER03			Delivered	Hong Kong	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Japan	PUAEV00	PUAEV03			Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Shanghai	AARKD00	AARKD03			Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Singapore	PUAFT00	PUAFT03			Delivered	Singapore	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Ex-Wharf Singapore	AAFER00	AAFES00			Ex-Wharf	Singapore	3-15 days	1,000	6,000	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd South Korea	PUAFR00	PUAFR03			Delivered	South Korea	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Busan	PUAGQ00	PUAGQ03			Delivered	South Korea	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd West Japan	AARJZ00	AARJZ03			Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 500 CST Dlvd Singapore	AAVU000	AAVU003			Delivered	Singapore	5-10 days	500	1,500	US\$	Metric Tons	6.23
Bunker FO 500 CST Ex-Wharf Singapore	AAVUP00	AAVUP03			Ex-Wharf	Singapore	3-15 days	1,000	6,000	US\$	Metric Tons	6.23
Marine Fuel 0.5% bunker Dlvd Singapore \$/MMBtu	FOLNB00	FOLNB03			Delivered	Singapore	5-10 days	500	1,500	US\$	MMBtu	38.643
Bunker FO 380 CST Dlvd Singapore \$/MMBtu	FOLNA00	FOLNA03			Delivered	Singapore	5-10 days	500	1,500	US\$	MMBtu	37.742
Marine Diesel 0.5% Dlvd Japan	POACI00	POACI03			Delivered	Japan	5-10 days	50		US\$	Metric Tons	7.45
Marine Diesel 0.5% Dlvd West Japan	AARKA00	AARKA03			Delivered	Japan	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Fujairah	AARKH00	AARKH03			Delivered	UAE	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Khor Fakkan	AARKI00	AARKI03			Delivered	UAE	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Kuwait	AAXCV00	AAXCV03			Delivered	Kuwait	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Melbourne	AARKG00	AARKG03			Delivered	Australia	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Mumbai	AASSI00	AASSI03			Delivered	India	5-10 days	50		US\$	Metric Tons	7.45

ASIA AND THE MIDDLE EAST

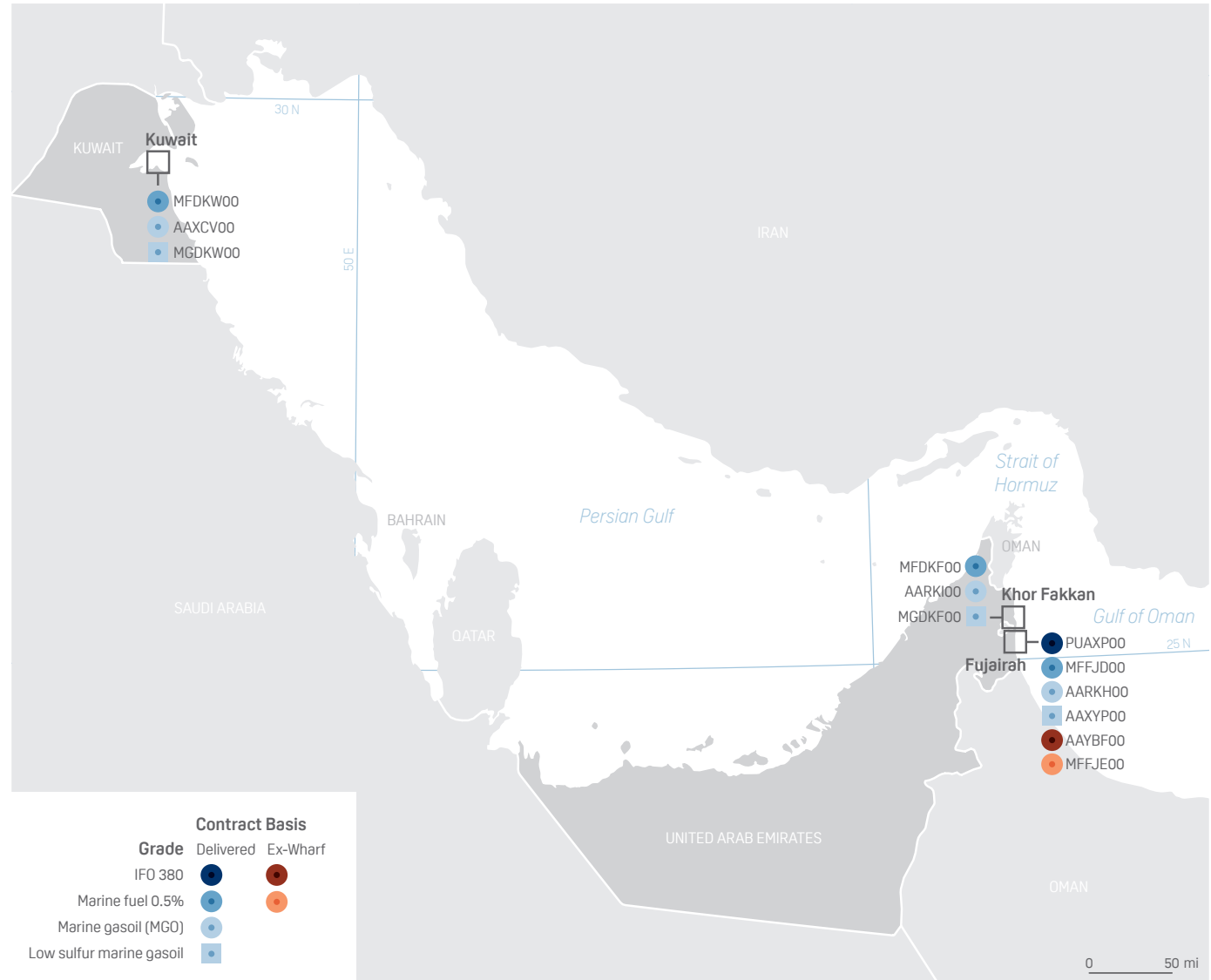
Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Min size	Max size	Currency	Uom	Conv
Marine Gasoil 0.5% Dlvd Shanghai	AARKE00	AARKE03			Delivered	China	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Singapore	AALMZ00	AALNA00			Delivered	Singapore	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd South Korea	AAVBN00	AAVBN03			Delivered	South Korea	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Busan	AARKJ00	AARKJ03			Delivered	South Korea	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Sydney	AARKF00	AARKF03			Delivered	Australia	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Colombo	AARKK00	AARKK03			Delivered	Sri Lanka	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Fujairah	AAXYP00	AAXYP03			Delivered	UAE	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Hong Kong	AAXYQ00	AAXYQ03			Delivered	Hong Kong	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Shanghai	AAXYR00	AAXYR03			Delivered	China	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Singapore	AAXY000	AAXY003			Delivered	Singapore	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd South Korea	AAXYS00	AAXYS03			Delivered	South Korea	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Zhoushan	MGZSD00	MGZSD03			Delivered	China	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Sydney	MGDSY00	MGDSY03			Delivered	Australia	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Melbourne	MGDMB00	MGDMB03			Delivered	Australia	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Mumbai	MGDMM00	MGDMM03			Delivered	India	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Colombo	MGDCL00	MGDCL03			Delivered	Sri Lanka	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Kuwait	MGDKW00	MGDKW03			Delivered	Kuwait	5-10 days	50		US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Khor Fakkan	MGDKF00	MGDKF03			Delivered	UAE	5-10 days	50		US\$	Metric Tons	7.45
Marine Diesel Oil 0.1% Dlvd Japan	AAXYT00	AAXYT03			Delivered	Japan	5-10 days	50		US\$	Metric Tons	7.45
Marine Diesel Oil 0.1% Dlvd West Japan	AAXYU00	AAXYU03			Delivered	Japan	5-10 days	50		US\$	Metric Tons	7.45
MFO-180 0.5% Hualien/Suao Dlvd Spot CPC Taiwan	CB1AU00				Delivered	Taiwan				US\$	Metric Tons	
MFO-180 0.5% Kaohsiung Dlvd Spot CPC Taiwan	CB1AR00				Delivered	Taiwan				US\$	Metric Tons	
MFO-180 0.5% Keelung Dlvd Spot CPC Taiwan	CB1AT00				Delivered	Taiwan				US\$	Metric Tons	
MFO-180 0.5% Taichung Dlvd Spot CPC Taiwan	CB1AS00				Delivered	Taiwan				US\$	Metric Tons	
MFO-380 Kaohsiung Dlvd Spot CPC Taiwan	CB3AN00				Delivered	Taiwan				US\$	Metric Tons	
Marine Gasoil Hualien/Suao Dlvd Spot CPC Taiwan	CBGAM00				Delivered	Taiwan				US\$	Metric Tons	
Marine Gasoil Kaohsiung Dlvd Spot CPC Taiwan	CBGAP00				Delivered	Taiwan				US\$	Metric Tons	
Marine Gasoil Keelung Dlvd Spot CPC Taiwan	CBGAN00				Delivered	Taiwan				US\$	Metric Tons	
Marine Gasoil Taichung Dlvd Spot CPC Taiwan	CBGAQ00				Delivered	Taiwan				US\$	Metric Tons	

Asia and the Middle East

Delivered bunker fuel

Platts assesses 380 CST and 500 CST delivered bunker fuel prices reflecting 500-1,500 mt parcels for delivery 5-10 days forward from the date of publication at Singapore, Japan, South Korea, Fujairah, Shanghai and Hong Kong. Kuwait is assessed ex-pipe. Delivered MGO and MDO assessments reflect volumes of 50 mt and above. Platts also assesses Marine Fuel 0.5% bunker fuel on a delivered basis in Singapore, Fujairah, Japan (Tokyo Bay), South Korea (Busan/Ulsan), Hong Kong, Shanghai, Zhoushan, Sydney, Melbourne, Mumbai, Colombo, Kuwait and Khor Fakkan. Bids and offers are published in a 100 mt range for parcels under 1,000 mt, and in a 200 mt range for parcels above 1,000 mt. Buyers and sellers may submit bids and offers for the following volume range: 500-600 mt, 600-700 mt, 700-800 mt, 800-900 mt, 900-1,000 mt, 1,000-1,200 mt, 1,100-1,300 mt, 1,200-1,400 mt and 1,300-1,500 mt. Buyers in the Platts Market on Close assessment process for delivered bunkers must declare the exact volume to the seller within one working day after the trade has been concluded. Buyers/sellers must specify a loading laycan of three days at the time of submitting bids or offers for publication in the assessment process. Buyers must also provide to the seller a written notice of arrival of the nominated vessel at the place of delivery at least 48 hours prior to the day of delivery. Sellers are expected to deliver bunker fuel that is merchantable, within port limits to the buyer's nominated vessel in a timely manner.

Prices assessed for these markets reflect activity reported to Platts throughout the day, and values for all reported trades are always normalized to reflect the prevailing value of the market at 5:30 pm in Singapore. Prices are assessed in \$/mt. They do not represent an average of the day's trades. Confirmed trades, bids and offers reported throughout the day are included in the assessment process, with values normalized towards representative values for the close of the market as needed.



Source: S&P Global Platts

In addition to such information, activities on the physical and derivative Singapore fuel oil markets are also taken into account during assessment.

In Japan, bunker fuel assessments reflect activity in the Tokyo/ Yokohama Bay area. The West Japan assessment reflects deliveries in Setouchi (includes Mizushima and Fukuyama ports), Kyushu (Oita port) and Hanshin areas (Kobe and Osaka ports). Activity in other ports is normalized to Setouchi after taking into account barging costs.

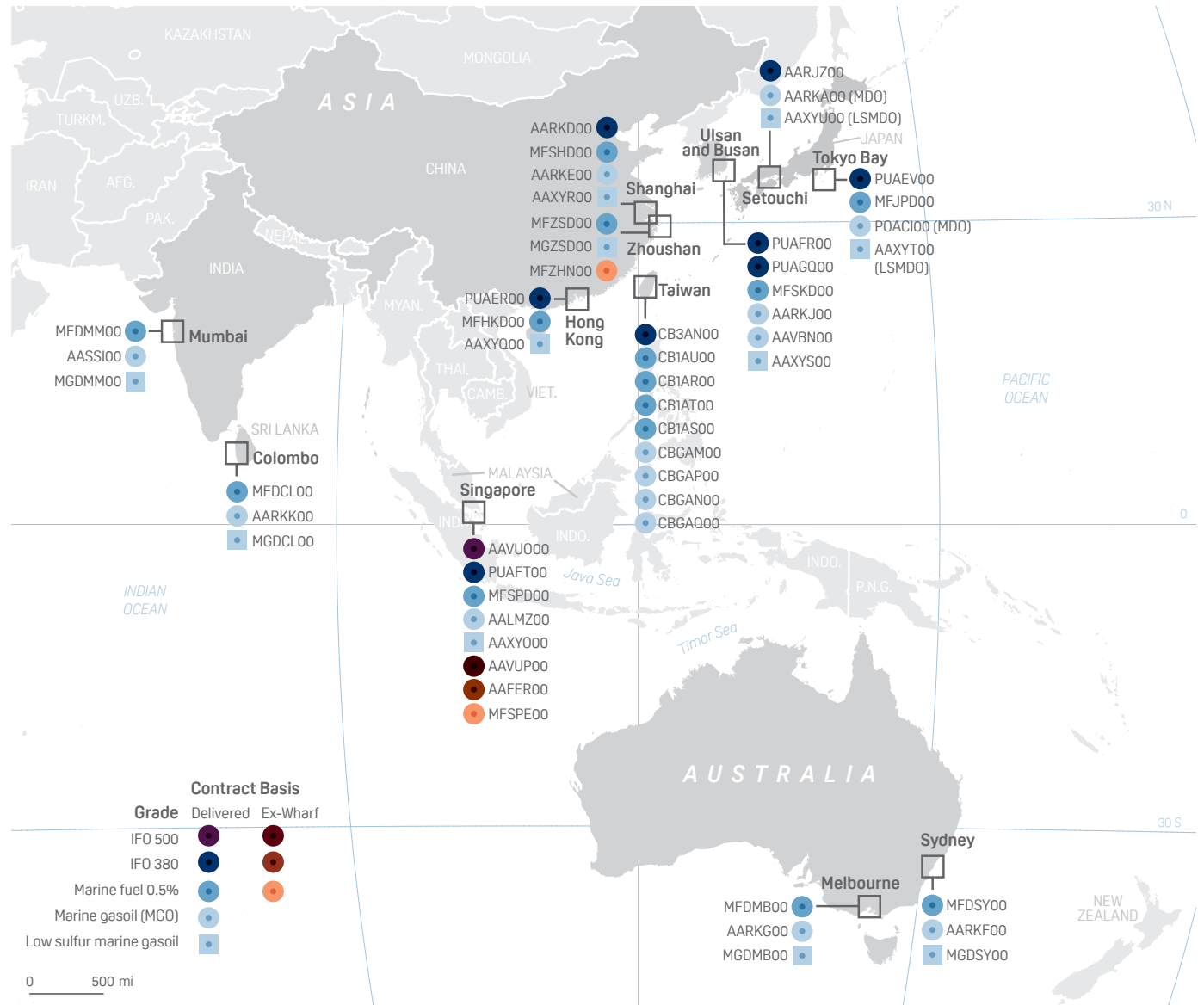
In South Korea, assessments reflect delivered bunker market activity in Busan and Ulsan.

The delivered MGO 0.1% assessments in Singapore, Fujairah, Hong Kong, Shanghai, Zhoushan, South Korea, Sydney, Melbourne, Mumbai, Colombo, Kuwait and Khor Fakkan and MDO 0.1% assessments in Tokyo Bay and West Japan reflect fuel with maximum sulfur content of 0.10% m/m.

Ex-wharf bunker fuel

Platts assesses ex-wharf prices for Singapore, Zhoushan and Fujairah. In Singapore, Platts ex-wharf assessments reflect 1,000-6,000 mt parcels for loading 3-15 days forward from the date of publication. Buyers/sellers must specify a loading laycan of three days at the time of submitting bids or offers for publication in the assessment process. Platts also assesses Marine Fuel 0.5% bunker fuel on ex-wharf basis in Singapore, Zhoushan and Fujairah. Zhoushan ex-wharf assessment reflects 1,000-6,000 mt parcels for loading 3-15 days forward from the date of publication. Buyers/sellers must specify a loading laycan of three days at the time of submitting bids or offers for publication in the assessment process. Fujairah ex-wharf assessments reflect 2,000-7,000 mt parcels loading 5-15 days forward.

Parcel to be supplied on an ex-wharf basis one safe terminal, offshore delivery but within the port limits of Singapore, Zhoushan or Fujairah to buyer's nominated vessel/barge. Inter/



Source: S&P Global Platts

in Tank Transfer (ITT) is also acceptable. The buyer should nominate the barge/vessel between two and five working days in advance of the load date as per current industry practices at the various load terminals. The seller should notify the buyer of barge acceptance promptly and within a reasonable time. The acceptance is subjected to terminal availability. Seller should supply material that is merchantable.

In the event of the buyer being unable to load the purchased parcel within the contractual loading date range, a surcharge will be applied. The surcharge is in the amount of US\$0.60/mt per seven calendar days. The surcharge shall be imposed on any unlifted quantity after the last day of the contractual loading date range (last day of the contractual loading date range shall count as day zero).

Mooring/Wharfage/Piloting: Any cost associated with the barge transportation shall be borne by the buyer.

Quantity and quality should be based on certificate of quantity and quality issued by seller's loading terminal. In the event of a dispute, seller and buyer to jointly appoint a mutually acceptable independent inspector to determine quality and quantity based on loading samples and figures. If an issue arises over the surveyor, either party has the right to appoint an additional surveyor. Cost of appointing mutual inspector shall be equally shared between buyer and seller.

Demurrage: Not applicable, but seller is to supply cargo within reasonable time.

Tolerance: Industry standards allow for an operational tolerance level on quantity of plus/minus 5%.

Title and Risk: Title and risk of product shall pass to buyer when oil passes buyer's vessel/barge permanent flange connection at loading terminal or mother vessel in the event of barge-to-barge loading.

Payment: Payment should be made in US dollars in accordance to previously established payment practices. These payment practices include full invoice value by telegraphic transfer, cheque, and by collection within 30 days from the date of loading (i.e. Date of certificate of quantity from loading terminal). Date of loading to count as day one. Payment shall be made without withholding, deduction, discount, counter claim or offset of any kind against presentation of seller's invoice. All bank charges at the buyer's bank will be borne by the buyer's account. All bank charges at the seller's bank will be borne by the seller's account. If payment falls due on a Sunday or Monday Singapore banking holiday, payment shall be made on the immediate following banking day. Payment falling due on a Saturday or non-Monday banking holiday in Singapore shall be made on the previous banking day.

In the event that payment was not settled against invoice on the due date, then without prejudice to the application of any provisions hereof and/or to any other remedy available to buyer herein or otherwise, buyer shall pay interest on the overdue amount at the prime lending rate assessed. Typically a US dollar interest rate reflecting the average of four major banks in

Singapore or a major bank is used. In addition, seller adds 2% to the base rate or 2% per month whichever is higher, until and including the date settlement is made. Payment of the interest shall be made on the same day of the overdue payment made by the buyer.

Typical industry contracts add that the following paragraph shall not be construed by the buyer as an indication of the seller's willingness to provide extended credit.

Credit terms: Buyer shall open an irrevocable standby letter of credit or banker's guarantee from a first class international bank located in Singapore in form and substance acceptable to seller and valid for a minimum duration of 60 days from the date of loading. Buyer shall open letter of credit or banker's guarantee no later than 10 working days from the loading date. The letter of credit or banker's guarantee shall be open for an amount of at least 105% of the estimated purchase value.

Law and arbitration: Any dispute arising in connection with this agreement, including any questions regarding its existing, validity or termination shall be referred to and resolved by arbitration in Singapore in accordance with the arbitration rules of Singapore International Arbitration Centre ('SIAC Rules') for the time being in force which rules are deemed to be incorporated by agreement of the parties and there are no oral promises, representations or warranties affecting it. The language of the arbitration shall be English. The validity, construction and performance of the agreement shall be governed by the law of Singapore.

EUROPE AND AFRICA

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Typical min size	Typical max size	Currency	Uom	Conv
Marine Fuel 0.5% Bunker Algeciras	MFAGD00	MFAGD03			Dlvd	Algeciras (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Durban	MFDBD00	MFDBD03			Dlvd	Durban (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Gibraltar	MFGBD00	MFGBD03			Dlvd	Gibraltar (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Malta	MFMLD00	MFMLD03			Dlvd	Malta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Piraeus	MFRPD00	MFRPD03			Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Rotterdam	MFRDD00	MFRDD03			Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Antwerp	MFDAN00	MFDAN03			Dlvd	Antwerp (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Hamburg	MFDHB00	MFDHB03			Dlvd	Hamburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker St. Petersburg	MFDPT00	MFDPT03			Dlvd	St. Petersburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Gothenburg	MFDGT00	MFDGT03			Dlvd	Gothenburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Las Palmas/Tenerife	MFDLP00	MFDLP03			Dlvd	Las Palmas (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Novorossiisk	MFDNV00	MFDNV03			Dlvd	Novorossiisk (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Istanbul	MFDIS00	MFDIS03			Dlvd	Istanbul (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Algoa Bay	MFALG00	MFALG03			Dlvd	Algoa Bay (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Gdansk	MFGDA00	MFGDA03			Dlvd	Gdansk (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Lisbon	MFLIS00	MFLIS03			Dlvd	Lisbon (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Lome	MFLM00	MFLM03			Dlvd	Lome (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Augusta	MFAUG00	MFAUG03			Ex-Wharf	Augusta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Genoa	MFGEN00	MFGEN03			Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 500 CST 3.5% Rotterdam	AAXRM00	AAXRM03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.23
Bunker FO 380 CST 1.0% Genoa	AARSR00	AARSR03	-	-	Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Augusta	PUAED00	PUAED03	-	-	Ex-Wharf	Augusta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Dunkirk	PUAEL00	PUAEL03	-	-	Dlvd	Dunkirk (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% FrenchMed	PUAE00	PUAE03	-	-	Ex-Wharf	French Med (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Genoa	PUAFD00	PUAFD03	-	-	Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Algeciras	PUAFA00	PUAFA03	-	-	Dlvd	Algeciras (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Antwerp	PUAEE00	PUAEE03	-	-	Dlvd	Antwerp (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Ceuta	PUAEG00	PUAEG03	-	-	Ex-Wharf	Ceuta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Gdansk	AAHTA00	AAHTA03	-	-	Dlvd	Gdansk (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Gothenburg	AAVVX00	AAVVX03	-	-	Dlvd	Gothenburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Hamburg	PUAEQ00	PUAEQ03	-	-	Dlvd	Hamburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Istanbul	PUAET00	PUAET03	-	-	Dlvd	Istanbul (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Las Palmas/Tenerife	PUAFB00	PUAFB03	-	-	Dlvd	Las Palmas/Tenerife (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Malta	PUBFH00	PUBFH03	-	-	Dlvd	Malta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Novorossiisk	AASHF00	AASHF03	-	-	Dlvd	Novorossiisk (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Piraeus	PUAFL00	PUAFL03	-	-	Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Rotterdam	PUAFN00	PUAFN03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% St Petersburg	AAHSU00	AAHSU03	-	-	Dlvd	St Petersburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35

EUROPE AND AFRICA

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Typical min size	Typical max size	Currency	Uom	Conv
Bunker FO 380 CST 3.5% Gibraltar	AAKAB00	AAKAC00	-	-	Dlvd	Gibraltar (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Offshore Nigeria	PUAGU00	PUAGU03	-	-	Dlvd	Offshore Nigeria (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Lome	AAJJ00	AAJJ03	-	-	Dlvd	Lome (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Canary Islands	AARKM00	AARKM03	-	-	Dlvd	Canary Islands (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST Piraeus LS 1%	AARTF00	AARTF03	-	-	Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO LS 0.1% Rotterdam	AARBF00	AARBF03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1000	US \$	MT	6.35
Bunker FO LS 0.1% St. Petersburg	ALMPA00	ALMPA03	-	-	Dlvd	St Petersburg (NWE)	1-8 days forward	-	-	US \$	MT	6.35
Bunker FO 180 CST 3.5% Durban	PUAGX00	PUAGX03	-	-	Dlvd	Durban (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
FO 380 CST Rdam	PUAYW00	PUAYW03	AAUHE00	AAUHE03	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Dlvd Rotterdam Eur/MWh	FOLND00	FOLND03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	Eur	MWh	11.322
Bunker Fuel Low Sulfur 0.1%S Dlvd Rotterdam Eur/MWh	FOLNE00	FOLNE03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1000	Eur	MWh	11.322
Bunker FO 380 CST 3.5% Dlvd Rotterdam Eur/MWh	FOLNC00	FOLNC03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	Eur	MWh	11.058
Marine Gasoil Istanbul	POACF00	POACF03	-	-	Dlvd	Istanbul (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Piraeus	POADG00	POADG03	-	-	Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Algeciras	AARSH00	AARSH03	-	-	Dlvd	Algeciras (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Antwerp	AARSI00	AARSI03	-	-	Dlvd	Antwerp (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Ceuta	AARSK00	AARSK03	-	-	Ex-Wharf	Ceuta (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Gdansk	AARSP00	AARSP03	-	-	Dlvd	Gdansk (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Gibraltar	AARSU00	AARSU03	-	-	Dlvd	Gibraltar (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Gothenburg	AAVWC00	AAVWC03	-	-	Dlvd	Gothenburg (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Hamburg	AARSZ00	AARSZ03	-	-	Dlvd	Hamburg (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Las Palmas/Tenerife	AARTB00	AARTB03	-	-	Dlvd	Las Palmas/Tenerife (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Malta	PBADH00	PBADH03	-	-	Dlvd	Malta (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Novorosiisk	AASHG00	AASHG03	-	-	Dlvd	Novorosiisk (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Rotterdam	AARTG00	AARTG03	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil St Petersburg	AARTJ00	AARTJ03	-	-	Dlvd	St Petersburg (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Augusta	PBABJ00	PBABJ03	-	-	Ex-Wharf	Augusta (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Dakar	POABP00	POABP03	-	-	Ex-Wharf	Dakar (West Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Dunkirk	POABT00	POABT03	-	-	Dlvd	Dunkirk (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil French Med	POABX00	POABX03	-	-	Ex-Wharf	French Med (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Genoa	PBABK00	PBABK03	-	-	Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Durban	PUAGY00	PUAGY03	-	-	Dlvd	Durban (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Lome	AAJL00	AAJL03	-	-	Dlvd	Lome (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Canary Islands	PUAGW00	PUAGW03	-	-	Dlvd	Canary Islands (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Offshore Nigeria	AARKL00	AARKL03	-	-	Dlvd	Offshore Nigeria (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Algoa Bay	AMGAA00	AMGAA03	-	-	Dlvd	Algoa Bay (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45

Europe and Africa

Timing: Platts bunker assessments in Europe reflect the market value at 16:30 London time, for bunker fuel supplied one to eight days forward from the date of publication. They do not represent an average of the day's trades. Confirmed trades, bids and offers reported throughout the day will be included in the assessment process, with values normalized towards representative values for the close of the market as needed. In addition to such information, activity on the physical and derivative European fuel oil markets may also be taken into account during assessment.

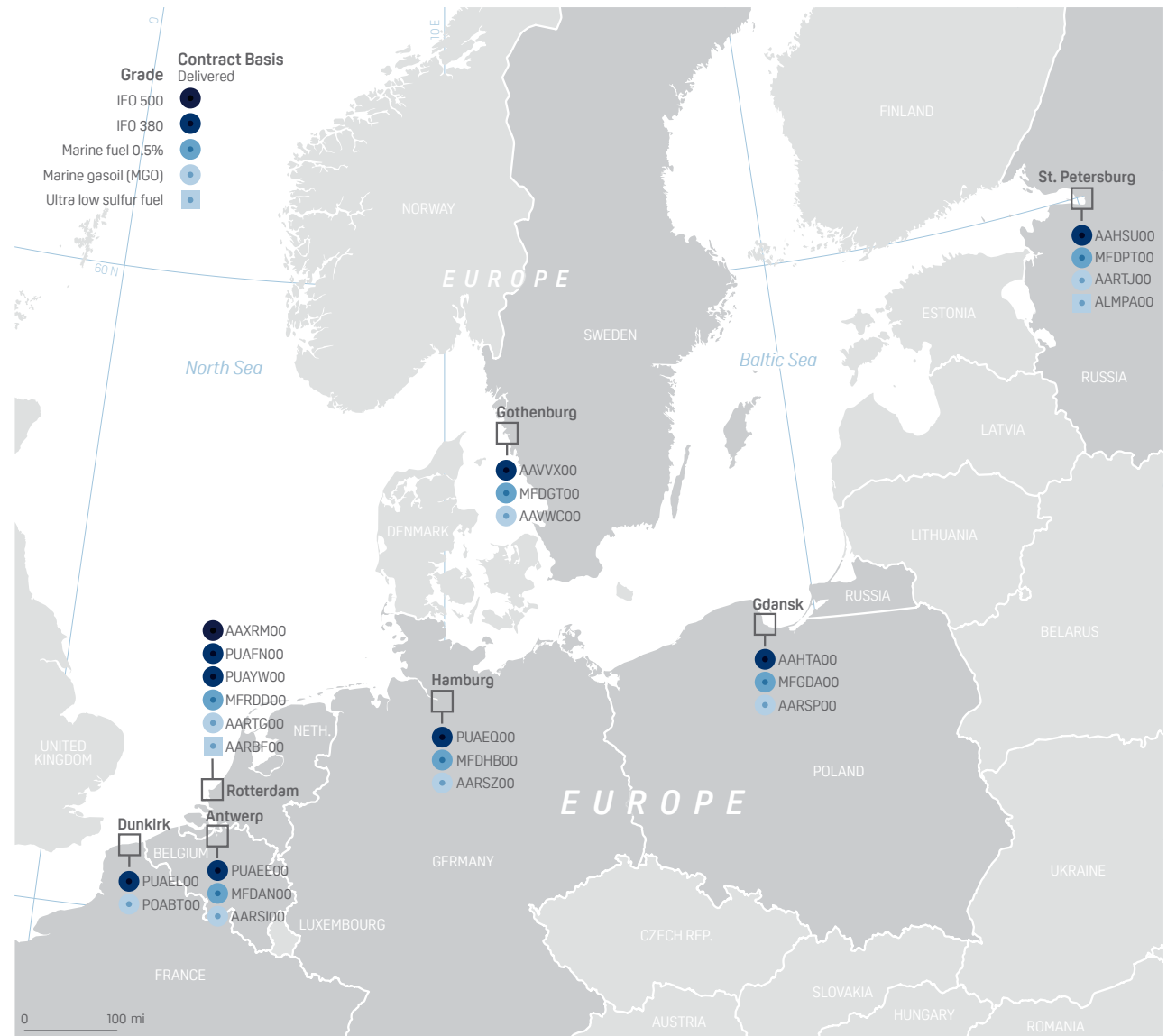
Typical Parcel Size: Typical sizes vary from port to port, but are generally between 300 to 1,000 mt. Sizes defined for specific assessments are typical, not minimums and maximums. However, trades reported for volumes outside typical ranges may be considered atypical when assessing standard tradable volumes.

Delivery: Bunkers are assessed on either an ex-wharf or delivered basis which includes all barging costs. The following ports are assessed ex-wharf: Ceuta, French Med (Fos), Augusta, Genoa and Dakar.

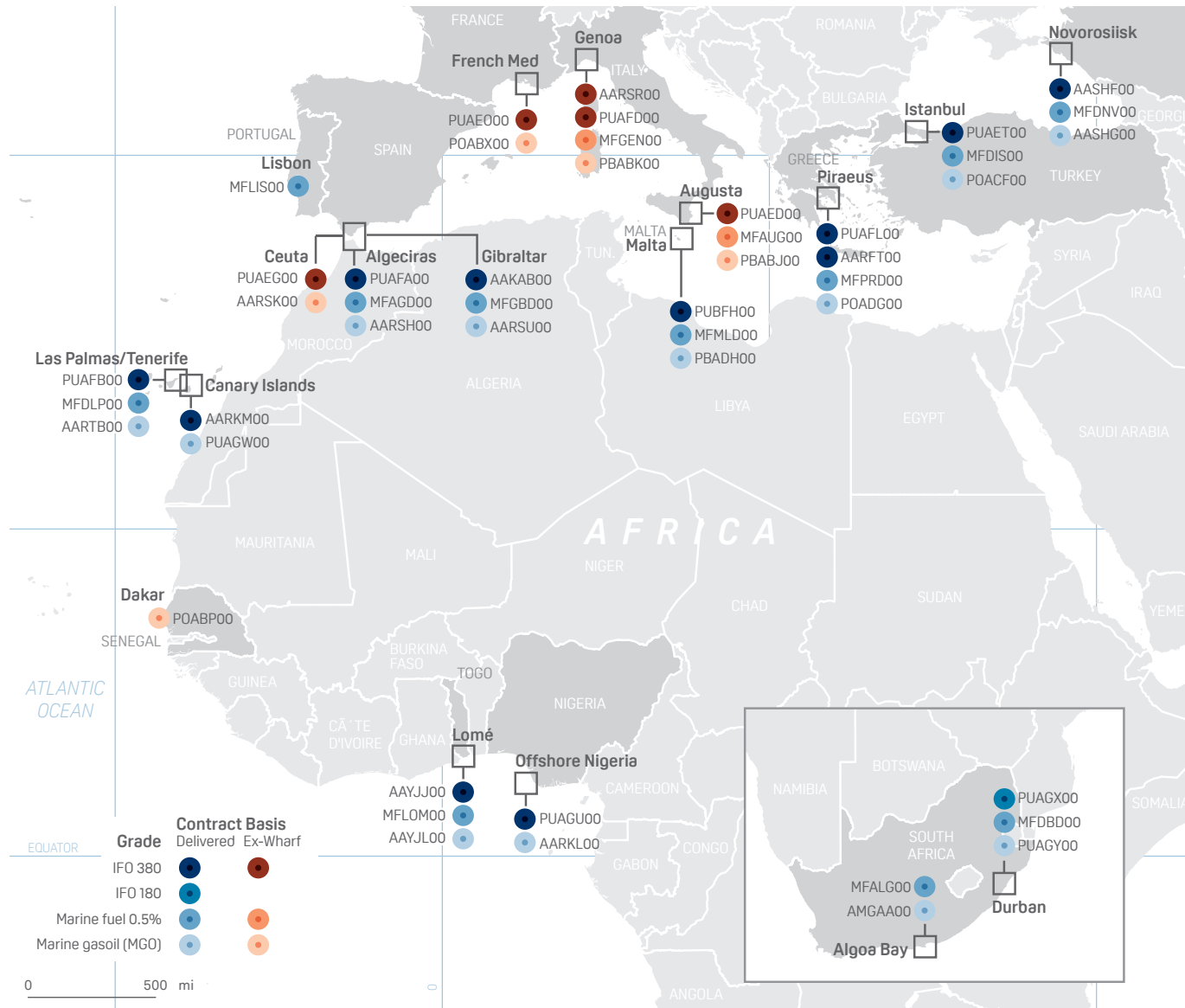
The following ports are assessed delivered: Rotterdam, Antwerp, Hamburg, Gdansk, St Petersburg, Gibraltar, Algeciras, Dunkirk, Las Palmas, Lisbon, Tenerife, Malta, Istanbul, Novorossiisk, Piraeus, Durban and Algoa Bay.

Loading range: Assessments reflect product supplied 1-8 days forward from the date of publication.

Marine Gasoil: Assessments for Europe reflect Marine Gasoil 0.1% sulfur, while African assessments reflect 0.1%-1.5% sulfur.



Source: S&P Global Platts



Source: S&P Global Platts

IFO 180 CST: Platts assesses Durban IFO 180 on a delivered basis. Specifications generally conform with that of RME 180 CST, ISO 8217:2010. These include: Approximate Kinematic Viscosity: maximum 180 CST at 50 degrees Celsius; Calculated Carbon Aromaticity Index: 860 maximum; Sulfur: maximum 3.5%; Flash point: minimum 60 degrees Celsius; Hydrogen sulfide: 2 mg/kg maximum; Acidity: 2.5 mg KOH/g maximum; Pour point (upper) winter quality: 30 degrees Celsius maximum, summer quality: same; Water: 0.5% maximum; Ash: 0.070% maximum; Vanadium: maximum 150 mg/kg; Sodium: maximum 50 mg/kg; Aluminum plus Silicon: 50 mg/kg maximum.

AMERICAS

Assessment	Code	Mavg	Contract basis	Location	Delivery period	Min size	Max size	Typical size	Currency	UOM	Conv
Marine Fuel 0.5% Bunker Delivered Houston	MFHOD00	MFHOD03	Delivered	Houston	3-7 Days Forward	250	500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Houston	MFHOE00	MFHOE03	Ex-wharf	Houston	3-7 Days Forward	250	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered New York	MFNYD00	MFNYD03	Delivered	New York	3-7 Days Forward	250	500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf New York	MFNYE00	MFNYE03	Ex-wharf	New York	3-7 Days Forward	250	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Los Angeles	MFLAD00	MFLAD03	Delivered	Los Angeles	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Balboa	MFBAE00	MFBAE03	Ex-wharf	Balboa, Panama	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered New Orleans	MFNOD00	MFNOD03	Delivered	New Orleans	3-7 Days Forward	250	500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf New Orleans	MFNOE00	MFNOE03	Ex-wharf	New Orleans	3-7 Days Forward	250	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Philadelphia	MFPAD00	MFPAD03	Delivered	Philadelphia	3-7 Days Forward	250	500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Philadelphia	MFPAE00	MFPAE03	Ex-wharf	Philadelphia	3-7 Days Forward	250	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Seattle	MFSED00	MFSED03	Delivered	Seattle	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Seattle	MFSEE00	MFSEE03	Ex-wharf	Seattle	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Vancouver	MFVAD00	MFVAD03	Delivered	Vancouver	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Vancouver	MFVAE00	MFVAE03	Ex-wharf	Vancouver	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered Montreal	AMFMO00	AMFMO03	Delivered	Montreal	3-10 Days Forward	250	500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Ex-Wharf Montreal	AMFMN00	AMFMN03	Ex-wharf	Montreal	3-10 Days Forward	250	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered San Francisco	AMFSF00	AMFSF03	Delivered	San Francisco	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Ex-Wharf San Francisco	AMFSN00	AMFSN03	Ex-wharf	San Francisco	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Buenos Aires	MFBAD00	MFBAD03	Delivered	Buenos Aires, Argentina	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Cartagena	MFCRD00	MFCRD03	Delivered	Cartagena, Colombia	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Santos	MFSAD00	MFSAD03	Delivered	Santos, Brazil	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Valparaiso	AMFVA00	AMFVA03	Delivered	Valparaiso, Chile	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered El Callao	AMFCA00	AMFCA03	Delivered	El Callao, Peru	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered Guayaquil	AMFGY00	AMFGY03	Delivered	Guayaquil, Ecuador	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered La Libertad	AMFLB00	AMFLB03	Delivered	La Libertad, Ecuador	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered Montevideo	AMFMT00	AMFMT03	Delivered	Montevideo, Uruguay	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Balboa	PUBAD00	PUBAD03	Ex-wharf	Balboa, Panama	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Cartagena	AAJOA00	AAJOB00	Delivered	Cartagena, Colombia	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Charleston	AAMNV00	AAMNV00	Delivered	Charleston, SC	3-7 Days Forward	250	500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Charleston	AAMOE00	AAMOF00	Ex-wharf	Charleston, SC	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Cristobal	PUAEF00	PUAEF03	Ex-wharf	Cristobal, Panama	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered El Callao	PUAYP00	PUAYP03	Delivered	El Callao, Peru	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Guayaquil	AAJOC00	AAJOD00	Delivered	Guayaquil, Ecuador	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Houston	AAGPD00	AAGPE00	Delivered	Houston	3-7 Days Forward	250	500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Houston	PUAES00	AAGPF00	Ex-wharf	Houston	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered La Libertad	PUAYT00	PUAYT03	Delivered	La Libertad, Ecuador	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Los Angeles	AAGPM00	AAGPN00	Delivered	Los Angeles	3-10 Days Forward	250	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Los Angeles	PBAAP00	AAGPO00	Ex-wharf	Los Angeles	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Montreal	AARUP00	AARUP03	Delivered	Montreal	3-7 Days Forward	250	500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Montreal	PUAFE00	AAGPX00	Ex-wharf	Montreal	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered New Orleans	AAGQE00	AAGQF00	Delivered	New Orleans	3-7 Days Forward	250	500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf New Orleans	PUAFH00	AAGQG00	Ex-wharf	New Orleans	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered New York	AAGQN00	AAGQO00	Delivered	New York	3-7 Days Forward	250	500	-	US\$	MT	6.35

AMERICAS

Assessment	Code	Mavg	Contract basis	Location	Delivery period	Min size	Max size	Typical size	Currency	UOM	Conv
Bunker FO 380 CST 3.5% Ex-Wharf New York	PUAFI00	AAGQP00	Ex-wharf	New York	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 500 CST 3.5% Delivered New York	AACNY00	AACNY03	Delivered	New York	3-7 Days Forward	1,000	4,000	-	US\$	MT	6.23
Bunker FO 500 CST 3.5% Ex-wharf New York	AABNY00	AABNY03	Ex-wharf	New York	3-7 Days Forward	1,000	4,000	-	US\$	MT	6.23
Bunker FO 380 CST 3.5% Delivered Norfolk	AAGQW00	AAGQX00	Delivered	Norfolk	3-7 Days Forward	250	500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Norfolk	PUAFG00	AAGQY00	Ex-wharf	Norfolk	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Panama Canal	AAXWG00	AAXWG03	Ex-wharf	Panama Canal	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Philadelphia	AAGRF00	AAGRG00	Delivered	Philadelphia	3-7 Days Forward	250	500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Philadelphia	PUAFJ00	AAGRH00	Ex-wharf	Philadelphia	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered San Francisco	AAGRX00	AAGRY00	Delivered	San Francisco	3-10 Days Forward	250	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf San Francisco	PBADF00	AAGRZ00	Ex-wharf	San Francisco	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Savannah	AAXJR00	AAXJR03	Ex-wharf	Savannah	3-7 Days Forward	250	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Seattle	AAGSG00	AAGSH00	Delivered	Seattle	3-10 Days Forward	250	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Seattle	PBABB00	AAGSI00	Ex-wharf	Seattle	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Valparaiso	PUAYR00	PUBDK03	Delivered	Valparaiso, Chile	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Vancouver	AAJKU00	AAJKV00	Delivered	Vancouver	3-10 Days Forward	250	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Vancouver	AAIAT00	AAIAU00	Ex-wharf	Vancouver	3-10 Days Forward	500	1,500	-	US\$	MT	6.35
Marine Gasoil Ex-Wharf Balboa	PBACU00	PBACU03	Ex-wharf	Balboa, Panama	3-10 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Buenos Aires	PBABR00	PBABR03	Delivered	Buenos Aires, Argentina	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Cartagena	PBACW00	PBACW03	Delivered	Cartagena, Colombia	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Charleston	AAWV00	AAWV03	Delivered	Charleston, SC	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Charleston	AAWYP00	AAWYP03	Ex-wharf	Charleston, SC	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Ex-Wharf Cristobal	POABJ00	POABJ03	Ex-wharf	Cristobal, Panama	3-10 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered El Callao	PBABW00	PBABW03	Delivered	El Callao, Peru	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Guayaquil	AAJOG00	AAJOH00	Delivered	Guayaquil, Ecuador	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Houston	AAWX00	AAWX03	Delivered	Houston	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Houston	AAWYQ00	AAWYQ03	Ex-wharf	Houston	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered La Libertad	PBABY00	PBABY03	Delivered	La Libertad, Ecuador	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Los Angeles	AAWY00	AAWY03	Delivered	Los Angeles	3-10 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Los Angeles	AAWYR00	AAWYR03	Ex-wharf	Los Angeles	3-10 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Montevideo	PBADA00	PBADA03	Delivered	Montevideo, Uruguay	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Montreal	AAWZ00	AAWZ03	Delivered	Montreal	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Montreal	AAWYS00	AAWYS03	Ex-wharf	Montreal	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered New Orleans	AAWYA00	AAWYA03	Delivered	New Orleans	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf New Orleans	AAWYT00	AAWYT03	Ex-wharf	New Orleans	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered New York	AAWYB00	AAWYB03	Delivered	New York	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf New York	AAWYU00	AAWYU03	Ex-wharf	New York	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Norfolk	AAWYC00	AAWYC03	Delivered	Norfolk	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Norfolk	AAWYV00	AAWYV03	Ex-wharf	Norfolk	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Ex-Wharf Panama Canal	AAXWI00	AAXWI03	Ex-wharf	Panama Canal	3-10 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Philadelphia	AAWYD00	AAWYD03	Delivered	Philadelphia	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Philadelphia	AAWYW00	AAWYW03	Ex-wharf	Philadelphia	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered San Francisco	AAWYF00	AAWYF03	Delivered	San Francisco	3-10 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf San Francisco	AAWZE00	AAWZE03	Ex-wharf	San Francisco	3-10 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Santos	AAXW000	AAXW003	Delivered	Santos, Brazil	3-7 Days Forward	-	-	75	US\$	MT	7.45

AMERICAS

Assessment	Code	Mavg	Contract basis	Location	Delivery period	Min size	Max size	Typical size	Currency	UOM	Conv
Marine Gasoil Ex-Wharf Savannah	AAWZF00	AAWZF03	Ex-wharf	Savannah	3-7 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Seattle	AAWYL00	AAWYL03	Delivered	Seattle	3-10 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Seattle	AAWZG00	AAWZG03	Ex-wharf	Seattle	3-10 Days Forward	-	-	150	US\$	MT	7.45
Marine Gasoil Delivered Valparaiso	PBABX00	PBABX03	Delivered	Valparaiso, Chile	3-7 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Delivered Vancouver	AAWYM00	AAWYM03	Delivered	Vancouver	3-10 Days Forward	-	-	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Vancouver	AAWZH00	AAWZH03	Ex-wharf	Vancouver	3-10 Days Forward	-	-	150	US\$	MT	7.45
Bunker barging rate Charleston	AARUD00	AARUD03	-	Charleston, SC	-	-	-	-	US\$	MT	-
Bunker barging rate Houston	AARUF00	AARUF03	-	Houston	-	-	-	-	US\$	MT	-
Bunker barging rate Los Angeles	AARUH00	AARUH03	-	Los Angeles	-	-	-	-	US\$	MT	-
Bunker barging rate Montreal	AARUC00	AARUC03	-	Montreal	-	-	-	-	US\$	MT	-
Bunker barging rate New Orleans	AARUG00	AARUG03	-	New Orleans	-	-	-	-	US\$	MT	-
Bunker barging rate New York	AARUA00	AARUA03	-	New York	-	-	-	-	US\$	MT	-
Bunker barging rate Norfolk	AARUE00	AARUE03	-	Norfolk	-	-	-	-	US\$	MT	-
Bunker barging rate Philadelphia	AARUB00	AARUB03	-	Philadelphia	-	-	-	-	US\$	MT	-
Bunker barging rate San Francisco	AARUI00	AARUI03	-	San Francisco	-	-	-	-	US\$	MT	-
Bunker barging rate Seattle	AARUJ00	AARUJ03	-	Seattle	-	-	-	-	US\$	MT	-
Bunker barging rate Vancouver	AARUL00	AARUL03	-	Vancouver	-	-	-	-	US\$	MT	-
Posted Price											
Petrobras Bunker VLSFO 0.5% Dlvd Paranagua*	PUAVA00	PUAVA03	-	Paranagua, Brazil	-	200	-	-	US\$	MT	-
Petrobras Bunker VLSFO 0.5% Dlvd Rio de Janeiro*	PUAVB00	PUAVB03	-	Rio de Janeiro, Brazil	-	200	-	-	US\$	MT	-
Petrobras Bunker VLSFO 0.5% Dlvd Salvador*	PUAVC00	PUAVC03	-	Salvador, Brazil	-	200	-	-	US\$	MT	-
Petrobras Bunker VLSFO 0.5% Dlvd Santos*	PUAVD00	PUAVD03	-	Santos, Brazil	-	200	-	-	US\$	MT	-
Marine Gasoil Delivered Paranagua*	PBABS00	PBABS03	-	Paranagua, Brazil	-	-	-	-	US\$	MT	-
Marine Gasoil Delivered Rio de Janeiro*	PBABU00	PBABU03	-	Rio de Janeiro, Brazil	-	-	-	-	US\$	MT	-
Marine Gasoil Delivered Salvador*	PBABV00	PBABV03	-	Salvador, Brazil	-	-	-	-	US\$	MT	-
Marine Gasoil Delivered Santos*	PBAPT00	PBAPT03	-	Santos, Brazil	-	-	-	-	US\$	MT	-

*These posted prices are provided by Petrobras and are not assessed by Platts

Americas assessments

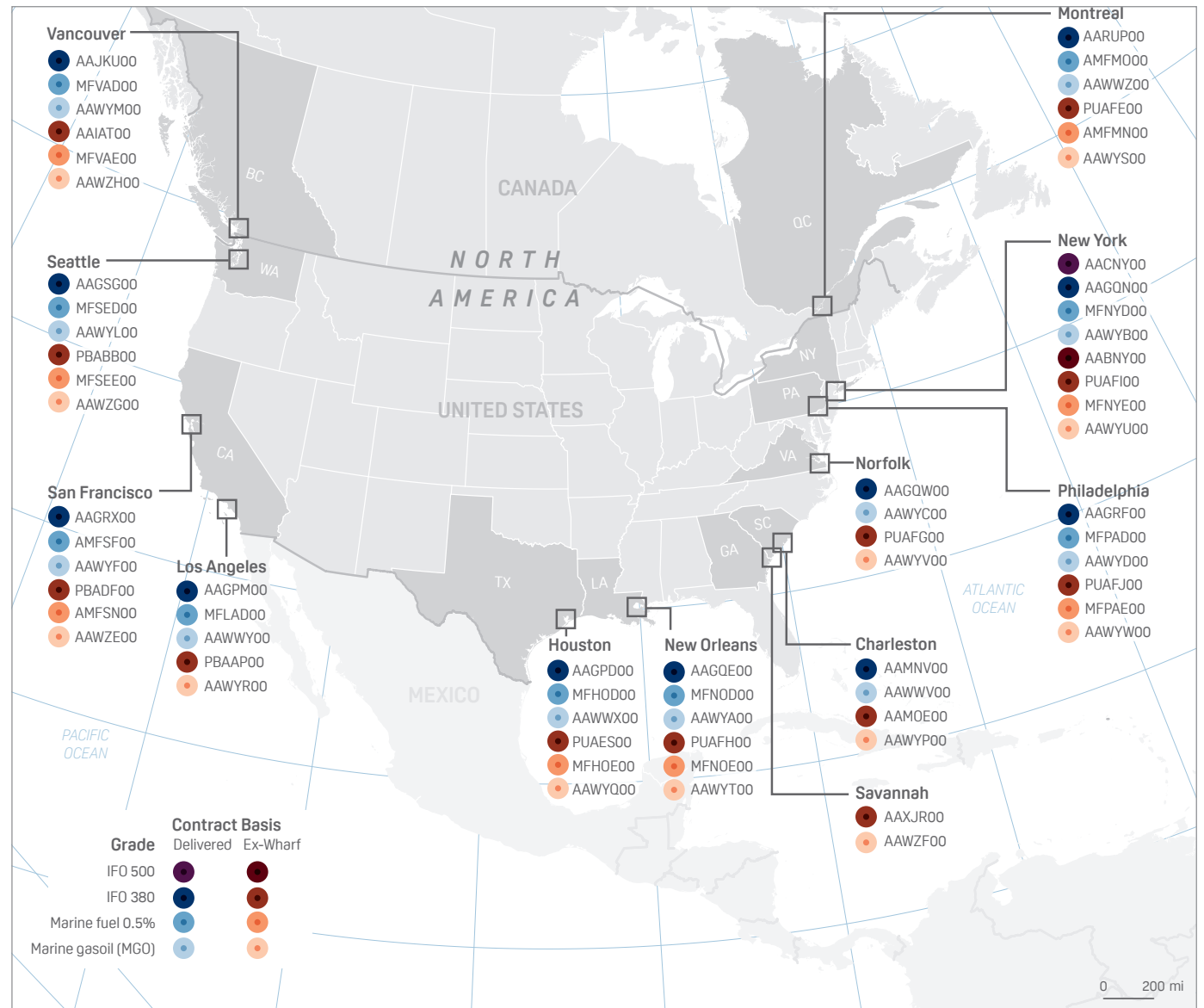
Timing: Platts bunker fuel assessments in the Americas reflect deliveries three to seven days after the date of publication for ports in the US Gulf Coast, the US Atlantic Coast, and Latin America, excluding Panama. For ports on the US West Coast and in Panama the range is three to 10 days, due to differences in market operations there.

Size: Bunker fuel volumes vary by region, product and delivery basis. For IFO 380 CST, IFO 500 CST and Marine Fuel 0.5% bunker fuel, volumes are defined in a minimum-maximum range. For example, the minimum size for ex-wharf IFO 380 CST bunker fuel in US Gulf Coast ports is 250 mt while the maximum size is 1,000 mt. Marine Gasoil assessments reflect typical volumes, without a specific minimum-maximum range. Trades reported for volumes outside of typical volumes may be considered atypical when assessing standard tradable volumes.

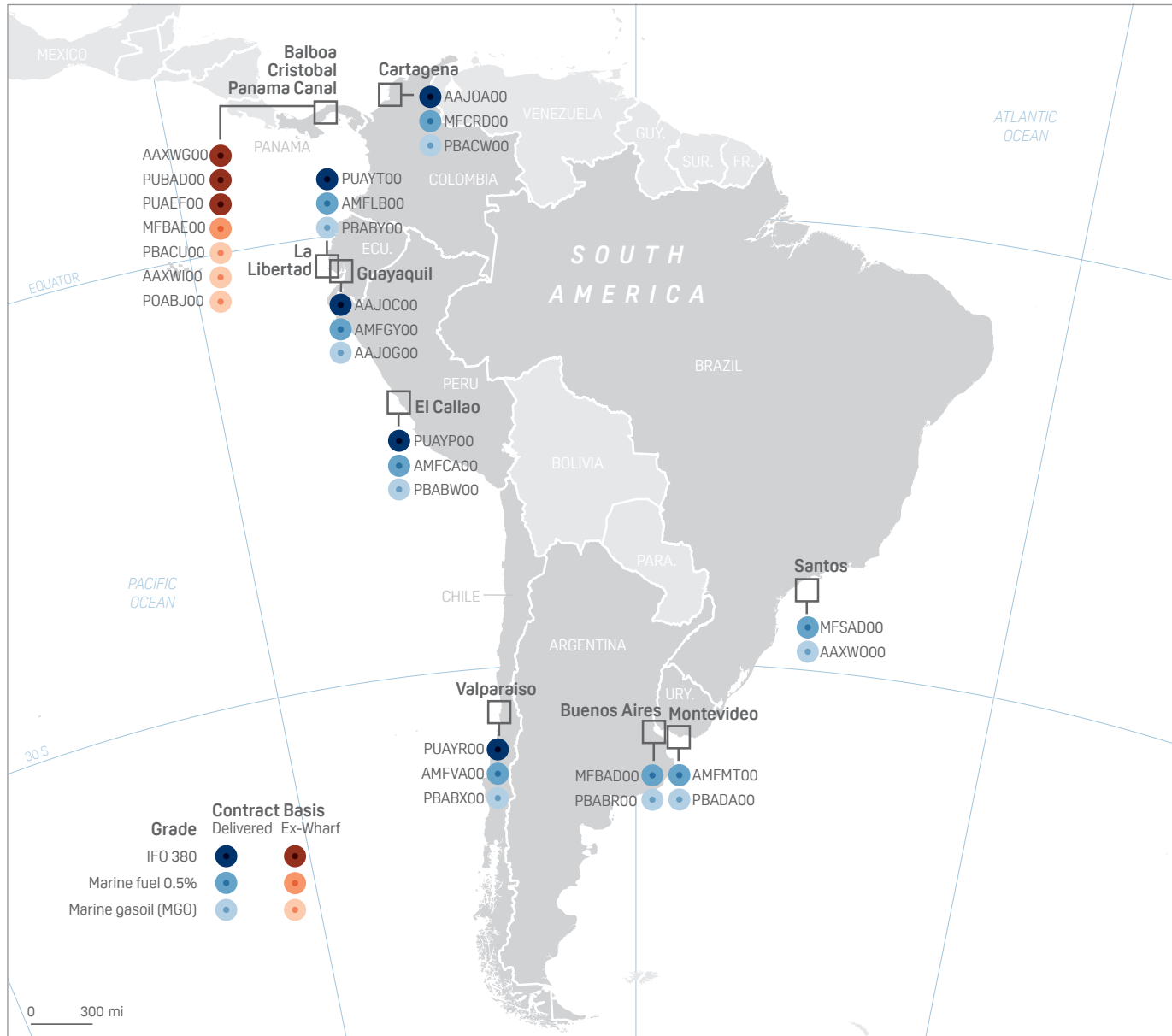
Delivery: Bunker fuel is assessed on either an ex-wharf or delivered basis. The following ports are assessed ex-wharf: Balboa, Charleston, Cristobal, Houston, Los Angeles, Montreal, New Orleans, New York, Norfolk, Panama Canal, Philadelphia, San Francisco, Savannah, Seattle and Vancouver.

The following ports are assessed delivered: Buenos Aires, Cartagena, Charleston, El Callao, Guayaquil, Houston, La Libertad, Los Angeles, Montevideo, Montreal, New Orleans, New York, Norfolk, Philadelphia, San Francisco, Santos, Seattle, Valparaiso and Vancouver. Delivered assessments include port-specific barge costs.

Barge Rates: Barge rates are assessed based on a regular survey of the market. The barge rates reflect the lump-sum cost of delivering bunker fuel adjusted to a per metric ton basis by dividing the lump-sum value by typical volumes delivered of IFO 380 CST and marine gasoil.



Source: S&P Global Platts



Source: S&P Global Platts

Marine Gasoil: All assessments for the Americas reflect Marine Gasoil 0.1% sulfur.

Panama Canal: Platts assesses IFO 380 CST and Marine Gasoil 0.1% on an ex-wharf basis in the Panamanian ports of Balboa and Cristobal and basis Panama Canal. Platts also assesses Marine Fuel 0.5% bunkers on an ex-wharf basis in Balboa. Typically, the values for these products in Balboa and Cristobal on either side of the canal are the same. On occasions when one port is valued differently than the other port, the Panama Canal assessment would reflect the lower value for that particular product.

Posted Prices: Platts publishes Brazilian bunker fuel posted prices daily for VLSFO and Marine Gasoil on a delivered basis into Paranagua, Rio de Janeiro, Salvador and Santos, using the most recent posted prices Platts receives from Brazil's Petrobras. Since posted prices are third-party data, the database codes will only update on days when Platts receives new posted prices from Petrobras.

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Abidjan	IF0380	Ex-Wharf	CI ABJ	CI	Ivory Coast	AFR	Africa	API
Abidjan	MGO	Ex-Wharf	CI ABJ	CI	Ivory Coast	AFR	Africa	API
Abidjan	Marine Fuel 0.5%	Ex-Wharf	CI ABJ	CI	Ivory Coast	AFR	Africa	API
Accra	IF0380	Delivered	GH ACC	GH	Ghana	AFR	Africa	API
Accra	MGO	Delivered	GH ACC	GH	Ghana	AFR	Africa	API
Aktau	MGO	Delivered	KZ 427	KZ	Kazakhstan	MEDBLSEA	Mediterranean & Black Sea	API
Algeciras	IF0180	Ex-Wharf	ES ALG	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Algeciras	IF0380	Ex-Wharf	ES ALG	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Algeciras	LSMGO	Ex-Wharf	ES ALG	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Algeciras	MGO	Ex-Wharf	ES ALG	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Algeciras	Marine Fuel 0.5%	Ex-Wharf	ES ALG	EA	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Algiers	LSMGO	Ex-Wharf	DZ ALG	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Algiers	MGO	Ex-Wharf	DZ ALG	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Algiers	Marine Fuel 0.5%	Ex-Warf	DZ ALG	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Alpha Zone	IF0380	Delivered	UY 15	UY	Uruguay	SAA	South America Atlantic	API
Alpha Zone	MGO	Delivered	UY 15	UY	Uruguay	SAA	South America Atlantic	API
Alpha Zone	Marine Fuel 0.5%	Delivered	UY 16	UY	Uruguay	SAA	South America Atlantic	API
Amsterdam	IF0380	Delivered	NL AMS	NL	Netherlands	NWE	North & West Europe	API
Amsterdam	LSMGO	Delivered	NL AMS	NL	Netherlands	NWE	North & West Europe	API
Amsterdam	MGO	Delivered	NL AMS	NL	Netherlands	NWE	North & West Europe	API
Amsterdam	ULSFO	Delivered	NL AMS	NL	Netherlands	NWE	North & West Europe	API
Amsterdam	Marine Fuel 0.5%	Delivered	NL AMS	NL	Netherlands	NWE	North & West Europe	API
Angra dos Reis	IF0380	Delivered	BR ADR	BR	Brazil	SAA	South America Atlantic	API
Angra dos Reis	MGO	Delivered	BR ADR	BR	Brazil	SAA	South America Atlantic	API
Angra dos Reis	Marine Fuel 0.5%	Delivered	BR ADR	BR	Brazil	SAA	South America Atlantic	API
Annaba	LSMGO	Delivered	DZ AAE	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Annaba	MGO	Delivered	DZ AAE	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Antofagasta	LSMGO	Delivered	CL ANF	CL	Chile	SAP	South America Pacific	API
Antwerp	IF0380	Delivered	BE ANR	BE	Belgium	NWE	North & West Europe	Assessment
Antwerp	MGO	Delivered	BE ANR	BE	Belgium	NWE	North & West Europe	Assessment

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Antwerp	LSMGO	Delivered	BE ANR	BE	Belgium	NWE	North & West Europe	Assessment
Antwerp	Marine Fuel 0.5%	Delivered	BE ANR	BE	Belgium	NWE	North	Assessment
Antwerp	ULSFO	Delivered	BE ANR	BE	Belgium	NWE	North & West Europe	API
Arica	IF0380	Delivered	CLARI	CL	Chile	SAP	South America Pacific	API
Arica	LSMGO	Delivered	CLARI	CL	Chile	SAP	South America Pacific	API
Arzew	IF0380	Ex-Wharf	DZ AZW	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Arzew	LSMGO	Ex-Wharf	DZ AZW	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Arzew	MGO	Ex-Wharf	DZ AZW	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Arzew	Marine Fuel 0.5%	Ex	DZ AZW	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Astrakhan	MGO	Delivered	RU ASF	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Astrakhan	Marine Fuel 0.5%	Delivered	RU ASF	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Auckland	IF0380	Delivered	NZ AKL	NZ	New Zealand	PAC	Pacific	API
Auckland	LSMGO	Delivered	NZ AKL	NZ	New Zealand	PAC	Pacific	API
Auckland	MGO	Delivered	NZ AKL	NZ	New Zealand	PAC	Pacific	API
Auckland	Marine Fuel 0.5%	Delivered	NZ AKL	NZ	New Zealand	PAC	Pacific	API
Augusta	IF0380	Ex-Wharf	IT AUG	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Augusta	MGO	Ex-Wharf	IT AUG	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Augusta	LSMGO	Ex-Wharf	IT AUG	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Augusta	Marine Fuel 0.5%	Ex-Wharf	IT Aug	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Bahia Blanca	IF0380	Delivered	AR BHI	AR	Argentina	SAA	South America Atlantic	API
Bahia Blanca	LSMGO	Delivered	AR BHI	AR	Argentina	SAA	South America Atlantic	API
Bahia Blanca	MGO	Delivered	AR BHI	AR	Argentina	SAA	South America Atlantic	API
Bahia Blanca	Marine Fuel 0.5%	Delivered	AR BHI	AR	Argentina	SAA	South America Atlantic	API
Baku	MGO	Delivered	AZ BAK	AZ	Azerbaijan	MEDBLSEA	Mediterranean & Black Sea	API
Baku	Marine Fuel 0.5%	Delivered	AZ BAK	AZ	Azerbaijan	MEDBLSEA	Mediterranean & Black Sea	API
Baltijsk	IF0380	Delivered	RU BLT	RU	Russia	NWE	North & West Europe	API
Baltijsk	LSMGO	Delivered	RU BLT	RU	Russia	NWE	North & West Europe	API
Baltijsk	MGO	Delivered	RU BLT	RU	Russia	NWE	North & West Europe	API
Baltijsk	ULSFO	Delivered	RU BLT	RU	Russia	NWE	North & West Europe	API
Baltijsk	Marine Fuel 0.5%	Delivered	RU BLT	RU	Russia	NWE	North & West Europe	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Bangkok	IF0380	Delivered	TH BKK	TH	Thailand	SEA	South East Asia	API
Bangkok	MGO	Delivered	TH BKK	TH	Thailand	SEA	South East Asia	API
Bangkok	Marine Fuel 0.5%	Delivered	TH BKK	TH	Thailand	SEA	South East Asia	
Barcelona	IF0380	Ex-Wharf	ES BCN	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Barcelona	LSMGO	Ex-Wharf	ES BCN	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Barcelona	MGO	Ex-Wharf	ES BCN	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Barcelona	Marine Fuel 0.5%	Ex-Wharf	ES	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Barranquilla	LSMGO	Delivered	CO BAQ	CO	Colombia	USGCARIB	US Gulf & Caribbean	API
Barranquilla	Marine Fuel 0.5%	Delivered	CO BAQ	CO	Colombia	USGCARIB	US Gulf & Caribbean	API
Bejaia	LSMGO	Delivered	DZ BJA	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Bejaia	MGO	Delivered	DZ BJA	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Belem	IF0380	Delivered	BR BEL	BR	Brazil	SAA	South America Atlantic	API
Belem	MGO	Delivered	BR BEL	BR	Brazil	SAA	South America Atlantic	API
Belem	Marine Fuel 0.5%	Delivered	BR BEL	BR	Brazil	SAA	South America Atlantic	API
Bergen	LSMGO	Ex-Wharf	NO BGO	NO	Norway	NWE	North & West Europe	API
Bergen	MGO	Ex-Wharf	NO BGO	NO	Norway	NWE	North & West Europe	API
Botany Bay	IF0380	Delivered	AU BTB	AU	Australia	PAC	Pacific	API
Botany Bay	LSMGO	Delivered	AU BTB	AU	Australia	PAC	Pacific	API
Botany Bay	MGO	Delivered	AU BTB	AU	Australia	PAC	Pacific	API
Botany Bay	Marine Fuel 0.5%	Delivered	AU BTB	AU	Australia	PAC	Pacific	API
Bourgas	IF0380	Ex-Wharf	BG BOJ	BG	Bulgaria	MEDBLSEA	Mediterranean & Black Sea	API
Bourgas	LSMGO	Ex-Wharf	BG BOJ	BG	Bulgaria	MEDBLSEA	Mediterranean & Black Sea	API
Bourgas	Marine Fuel 0.5%	Ex-Wharf	BG BOJ	BG	Bulgaria	MEDBLSEA	Mediterranean & Black Sea	API
Bremen	IF0380	Delivered	DE BRE	DE	Germany	NWE	North & West Europe	API
Bremen	LSMGO	Delivered	DE BRE	DE	Germany	NWE	North & West Europe	API
Bremen	MGO	Delivered	DE BRE	DE	Germany	NWE	North & West Europe	API
Bremen	Marine Fuel 0.5%	Delivered	DE BRE	DE	Germany	NWE	North & West Europe	API
Bremerhaven	IF0380	Delivered	DE BRV	DE	Germany	NWE	North & West Europe	API
Bremerhaven	LSMGO	Delivered	DE BRV	DE	Germany	NWE	North & West Europe	API
Bremerhaven	MGO	Delivered	DE BRV	DE	Germany	NWE	North & West Europe	API
Bremerhaven	Marine Fuel 0.5%	Delivered	DE BRV	DE	Germany	NWE	North & West Europe	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Brisbane	IF0380	Delivered	AU BNE	AU	Australia	PAC	Pacific	API
Brisbane	LSMGO	Delivered	AU BNE	AU	Australia	PAC	Pacific	API
Brisbane	MGO	Delivered	AU BNE	AU	Australia	PAC	Pacific	API
Brisbane	Marine Fuel 0.5%	Delivered	AU BNE	AU	Australia	PAC	Pacific	API
Buenos Aires	IF0380	Delivered	AR BUE	AR	Argentina	SAA	South America Atlantic	API
Buenos Aires	MGO	Delivered	AR BUE	AR	Argentina	SAA	South America Atlantic	Assessment
Buenos Aires	LSMGO	Delivered	AR BUE	AR	Argentina	SAA	South America Atlantic	Assessment
Buenos Aires	Marine Fuel 0.5%	Deli	AR BUE	AR	Argentina	SAA	South America Atlantic	Assessment
Busan	IF0380	Delivered	KR PUS	KR	Korea (South)	EA	East Asia	Assessment
Busan	MGO	Delivered	KR PUS	KR	Korea (South)	EA	East Asia	Assessment
Busan	LSMGO	Delivered	KR PUS	KR	Korea (South)	EA	East Asia	Assessment
Busan	MDO	Delivered	KR PUS	KR	Korea (South)	EA	East Asia	Assessment
Callao	IF0380	Delivered	PE CLL	PE	Peru	SAP	South America Pacific	Assessment
Callao	MGO	Delivered	PE CLL	PE	Peru	SAP	South America Pacific	Assessment
Callao	LSMGO	Delivered	PE CLL	PE	Peru	SAP	South America Pacific	Assessment
Campana	IF0380	Delivered	AR CMP	AR	Argentina	SAA	South America Atlantic	API
Campana	MGO	Delivered	AR CMP	AR	Argentina	SAA	South America Atlantic	API
Campana	Marine Fuel 0.5%	Delivered	AR CMP	AR	Argentina	SAA	South America Atlantic	API
Canary Islands	IF0380	Delivered	ES 521	ES	Spain	AFR	Africa	Assessment
Canary Islands	MGO	Delivered	ES 521	ES	Spain	AFR	Africa	Assessment
Cape Town	MGO	Ex-Wharf	ZA CPT	ZA	South Africa	AFR	Africa	API
Cape Town	LMGO	Ex-Wharf	ZA CPT	ZA	South Africa	AFR	Africa	API
Cape Town	Marine Fuel 0.5%	Ex-Wharf	ZA CPT	ZA	South Africa	AFR	Africa	API
Cartagena	IF0380	Delivered	CO CTG	CO	Colombia	USGCARIB	US Gulf & Caribbean	Assessment
Cartagena	MGO	Delivered	CO CTG	CO	Colombia	USGCARIB	US Gulf & Caribbean	Assessment
Cartagena	LSMGO	Delivered	CO CTG	CO	Colombia	USGCARIB	US Gulf & Caribbean	Assessment
Cartagena	Marine Fuel 0.5%	Delivered	CO CTG	CO	Colombia	USGCARIB	US Gulf & Caribbean	Assessment
Ceuta	IF0380	Delivered	ES CEU	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Ceuta	LSMGO	Delivered	ES CEU	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Ceuta	MGO	Delivered	ES CEU	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Ceuta	Marine Fuel 0.5%	Delivered	ES CEU	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	Assessment
Charleston	IF0380	Ex-Wharf	US CHS	US	USA	NAA	North America Atlantic	Assessment
Charleston	MGO	Ex-Wharf	US CHS	US	USA	NAA	North America Atlantic	Assessment
Charleston	LSMGO	Ex-Wharf	US CHS	US	USA	NAA	North America Atlantic	Assessment
Chittagong	IF0380	Delivered	BD CGP	BD	Bangladesh	SA	South Asia	API
Chittagong	MGO	Delivered	BD CGP	BD	Bangladesh	SA	South Asia	API
Chittagong	Marine Fuel 0.5%	Delivered	BD CGP	BD	Bangladesh	SA	South Asia	API
Chiwan	IF0380	Delivered	CN CWN	CN	China	EA	East Asia	API
Chiwan	MGO	Delivered	CN CWN	CN	China	EA	East Asia	API
Chiwan	LSMGO	Delivered	CN CWN	CN	China	EA	East Asia	API
Chiwan	Marine Fuel 0.5%	Delivered	CN CWN	CN	China	EA	East Asia	API
Colombo	IF0380	Delivered	LK CMB	LK	Sri Lanka	SA	South Asia	API
Colombo	MGO	Delivered	LK CMB	LK	Sri Lanka	SA	South Asia	Assessment
Colombo	Marine Fuel 0.5%	Delivered	LK CMB	LK	Sri Lanka	SA	South Asia	API
Constantza	IF0380	Ex-Wharf	RO CND	RO	Romania	MEDBLSEA	Mediterranean & Black Sea	API
Constantza	LSMGO	Ex-Wharf	RO CND	RO	Romania	MEDBLSEA	Mediterranean & Black Sea	API
Constantza	Marine Fuel 0.5%	Ex-Wharf	RO CND	RO	Romania	MEDBLSEA	Mediterranean & Black Sea	API
Coronel	IF0380	Delivered	CL CNL	CL	Chile	SAP	South America Pacific	API
Coronel	LSMGO	Delivered	CL CNL	CL	Chile	SAP	South America Pacific	API
Coronel	MGO	Delivered	CL CNL	CL	Chile	SAP	South America Pacific	API
Corpus Christi	IF0380	Ex-Wharf	US CRP	US	USA	USGCARIB	US Gulf & Caribbean	API
Corpus Christi	LSMGO	Ex-Wharf	US CRP	US	USA	USGCARIB	US Gulf & Caribbean	API
Corpus Christi	MGO	Ex-Wharf	US CRP	US	USA	USGCARIB	US Gulf & Caribbean	API
Curaçao	IF0380	Delivered	AN CUR	AN	Netherlands Antilles	USGCARIB	US Gulf & Caribbean	API
Curaçao	LSMGO	Delivered	AN CUR	AN	Netherlands Antilles	USGCARIB	US Gulf & Caribbean	API
Curaçao	MDO	Delivered	AN CUR	AN	Netherlands Antilles	USGCARIB	US Gulf & Caribbean	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Curaçao	MGO	Delivered	AN CUR	AN	Netherlands Antilles	USGCARIB	US Gulf & Caribbean	API
Curaçao	ULSFO	Delivered	AN CUR	AN	Netherlands Antilles	USGCARIB	US Gulf & Caribbean	API
Da Nang	LSMGO	Delivered	VN DAD	VN	Vietnam	SEA	South East Asia	API
Dakar	IF0380	Ex-Wharf	SN DKR	SN	Senegal	AFR	Africa	API
Dalian	IF0380	Ex-Wharf	CN DLC	CN	China	EA	East Asia	API
Dalian	MGO	Ex-Wharf	CN DLC	CN	China	EA	East Asia	API
Dammam	IF0380	Delivered	SA DMN	SA	Saudi Arabia	ME	Middle East	API
Dammam	MGO	Delivered	SA DMN	SA	Saudi Arabia	ME	Middle East	API
Dammam	Marine Fuel 0.5%	Delivered	SA DMN	SA	Saudi Arabia	ME	Middle East	API
Darwin	LSMGO	Delivered	AU DRW	AU	Australia	PAC	Pacific	API
Darwin	MGO	Delivered	AU DRW	AU	Australia	PAC	Pacific	API
Djibouti	IF0380	Delivered	DJ JIB	DJ	Djibouti	AFR	Africa	API
Djibouti	LSMGO	Delivered	DJ JIB	DJ	Djibouti	AFR	Africa	API
Djibouti	Marine Fuel 0.5%	Delivered	DJ JIB	DJ	Djibouti	AFR	Africa	API
Dubai	IF0380	Delivered	AE DXB	AE	UAE	ME	Middle East	API
Dubai	LSMGO	Delivered	AE DXB	AE	UAE	ME	Middle East	API
Dubai	Marine Fuel 0.5%	Delivered	AE DXB	AE	UAE	ME	Middle East	API
Durban	MGO	Ex-Wharf	ZA DUR	ZA	South Africa	AFR	Africa	Assessment
Durban	IF0380	Ex-Wharf	ZA DUR	ZA	South Africa	AFR	Africa	Assessment
Durban	MDO	Ex-Wharf	ZA DUR	ZA	South Africa	AFR	Africa	Assessment
El Guamache	IF0380	Delivered	VE EGU	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
El Guamache	MGO	Delivered	VE EGU	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Esmeraldas	IF0380	Delivered	EC ESM	EC	Ecuador	SAP	South America Pacific	API
Falmouth	IF0380	Delivered	GB FAL	GB	UK	NWE	North & West Europe	API
Falmouth	LSMGO	Delivered	GB FAL	GB	UK	NWE	North & West Europe	API
Falmouth	MGO	Delivered	GB FAL	GB	UK	NWE	North & West Europe	API
Falmouth	Marine Fuel 0.5%	Delivered	GB FAL	GB	UK	NWE	North & West Europe	API
Fangcheng	MGO	Ex-Wharf	CN FAN	CN	China	EA	East Asia	API
Fangcheng	LSMGO	Ex-Wharf	CN FAN	CN	China	EA	East Asia	API
Fangcheng	Marine Fuel 0.5%	Ex-Wharf	CN FAN	CN	China	EA	East Asia	API
Fortaleza	IF0380	Delivered	BR FOR	BR	Brazil	SAA	South America Atlantic	API
Fortaleza	MGO	Delivered	BR FOR	BR	Brazil	SAA	South America Atlantic	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Fortaleza	Marine Fuel 0.5%	Delivered	BR FOR	BR	Brazil	SAA	South America Atlantic	API
Fos	IF0380	Ex-Wharf	FR FOS	FR	France	MEDBLSEA	Mediterranean & Black Sea	Assessment
Fos	MGO	Ex-Wharf	FR FOS	FR	France	MEDBLSEA	Mediterranean & Black Sea	Assessment
Fos	LSMGO	Ex-Wharf	FR FOS	FR	France	MEDBLSEA	Mediterranean & Black Sea	Assessment
Fremantle	IF0380	Ex-Wharf	AU FRE	AU	Australia	PAC	Pacific	API
Fremantle	LSMGO	Ex-Wharf	AU FRE	AU	Australia	PAC	Pacific	API
Fremantle	MGO	Ex-Wharf	AU FRE	AU	Australia	PAC	Pacific	API
Fremantle	Marine Fuel 0.5%	Ex-Wharf	AU FRE	AU	Australia	PAC	Pacific	API
Fujairah	IF0380	Delivered	AE FJR	AE	UAE	ME	Middle East	Assessment
Fujairah	MGO	Delivered	AE FJR	AE	UAE	ME	Middle East	Assessment
Fujairah	LSMGO	Delivered	AE FJR	AE	UAE	ME	Middle East	Assessment
Fujairah	Marine Fuel 0.5%	Delivered	AE FJR	AE	UAE	ME	Middle East	Assessment
Gdansk	IF0380	Delivered	PL GDN	PL	Poland	NWE	North & West Europe	Assessment
Gdansk	MGO	Delivered	PL GDN	PL	Poland	NWE	North & West Europe	Assessment
Gdansk	LSMGO	Delivered	PL GDN	PL	Poland	NWE	North & West Europe	Assessment
Gdansk	Marine Fuel 0.5%	Delivered	PL GDN	PL	Poland	NWE	North & West Europe	Assessment
Gdynia	IF0380	Delivered	PL GDY	PL	Poland	NWE	North & West Europe	API
Gdynia	LSMGO	Delivered	PL GDY	PL	Poland	NWE	North & West Europe	API
Gdynia	Marine Fuel 0.5%	Delivered	PL GDY	PL	Poland	NWE	North & West Europe	API
Genoa	LS380	Ex-Wharf	IT GOA	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Genoa	LS180	Ex-Wharf	IT GOA	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Genoa	IF0380	Ex-Wharf	IT GOA	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Genoa	MGO	Ex-Wharf	IT GOA	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Genoa	LSMGO	Ex-Wharf	IT GOA	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Genoa	Marine Fuel 0.5%	Ex-Wharf	IT GOA	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	Assessment
Ghent	IF0380	Delivered	BE GNE	BE	Belgium	NWE	North & West Europe	API
Ghent	LSMGO	Delivered	BE GNE	BE	Belgium	NWE	North & West Europe	API
Ghent	MGO	Delivered	BE GNE	BE	Belgium	NWE	North & West Europe	API
Ghent	ULSFO	Delivered	BE GNE	BE	Belgium	NWE	North & West Europe	API
Ghent	Marine Fuel 0.5%	Delivered	BE GNE	BE	Belgium	NWE	North & West Europe	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Gibraltar	IF0380	Delivered	GI GIB	GI	Gibraltar	MEDBLSEA	Mediterranean & Black Sea	Assessment
Gibraltar	MGO	Delivered	GI GIB	GI	Gibraltar	MEDBLSEA	Mediterranean & Black Sea	Assessment
Gibraltar	LSMGO	Delivered	GI GIB	GI	Gibraltar	MEDBLSEA	Mediterranean & Black Sea	Assessment
Gibraltar	Marine Fuel 0.5%	Delivered	GI GIB	GI	Gibraltar	MEDBLSEA	Mediterranean & Black Sea	Assessment
Gladstone	IF0380	Delivered	AU GLT	AU	Australia	PAC	Pacific	API
Gladstone	LSMGO	Delivered	AU GLT	AU	Australia	PAC	Pacific	API
Gladstone	MGO	Delivered	AU GLT	AU	Australia	PAC	Pacific	API
Gladstone	Marine Fuel 0.5%	Delivered	AU GLT	AU	Australia	PAC	Pacific	API
Gothenburg	IF0380	Delivered	SE GOT	SE	Sweden	NWE	North & West Europe	Assessment
Gothenburg	MGO	Delivered	SE GOT	SE	Sweden	NWE	North & West Europe	Assessment
Gothenburg	LSMGO	Delivered	SE GOT	SE	Sweden	NWE	North & West Europe	Assessment
Gothenburg	Marine Fuel 0.5%	Delivered	SE GOT	SE	Sweden	NWE	North & West Europe	Assessment
Gothenburg	ULSFO	Delivered	SE GOT	SE	Sweden	NWE	North & West Europe	API
Great Belt	IF0180	Delivered	DK GBT	DK	Denmark	NWE	North & West Europe	Assessment
Great Belt	IF0380	Delivered	DK GBT	DK	Denmark	NWE	North & West Europe	API
Great Belt	MGO	Delivered	DK GBT	DK	Denmark	NWE	North & West Europe	API
Great Belt	LSMGO	Delivered	DK GBT	DK	Denmark	NWE	North & West Europe	API
Great Belt	Marine Fuel 0.5%	Delivered	DK GBT	DK	Denmark	NWE	North & West Europe	API
Great Belt	ULSFO	Delivered	DK GBT	DK	Denmark	NWE	North & West Europe	API
Guangzhou	IF0380	Ex-Wharf	CN CAN	CN	China	EA	East Asia	API
Guangzhou	MGO	Ex-Wharf	CN CAN	CN	China	EA	East Asia	API
Guangzhou	LSMGO	Ex-Wharf	CN CAN	CN	China	EA	East Asia	API
Guangzhou	Marine Fuel 0.5%	Ex-Wharf	CN CAN	CN	China	EA	East Asia	API
Guaranao Bay	IF0380	Delivered	VE GUB	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Guaranao Bay	MGO	Delivered	VE GUB	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Guayaquil	IF0380	Delivered	EC GYE	EC	Ecuador	SAP	South America Pacific	Assessment
Guayaquil	MGO	Delivered	EC GYE	EC	Ecuador	SAP	South America Pacific	Assessment
Guayaquil	LSMGO	Delivered	EC GYE	EC	Ecuador	SAP	South America Pacific	Assessment
Guiria	IF0380	Delivered	VE GUI	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Guiria	MGO	Delivered	VE GUI	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Haiphong	IF0380	Delivered	VN HPH	VN	Vietnam	SEA	South East Asia	API
Haiphong	MGO	Delivered	VN HPH	VN	Vietnam	SEA	South East Asia	API
Haiphong	LSMGO	Delivered	VN HPH	VN	Vietnam	SEA	South East Asia	API
Haiphong	Marine Fuel 0.5%	Delivered	VN HPH	VN	Vietnam	SEA	South East Asia	API
Hamburg	IF0380	Delivered	DE HAM	DE	Germany	NWE	North & West Europe	Assessment
Hamburg	MGO	Delivered	DE HAM	DE	Germany	NWE	North & West Europe	Assessment
Hamburg	LSMGO	Delivered	DE HAM	DE	Germany	NWE	North & West Europe	Assessment
Hamburg	Marine Fuel 0.5%	Delivered	DE HAM	DE	Germany	NWE	North & West Europe	Assessment
Hamburg	ULSFO	Delivered	DE HAM	DE	Germany	NWE	North & West Europe	API
Hammerfest	LSMGO	Delivered	NO HFT	NO	Norway	NWE	North & West Europe	API
Hammerfest	MGO	Delivered	NO HFT	NO	Norway	NWE	North & West Europe	API
Helsinki	LSMDO	Delivered	FI HEL	FI	Finland	NWE	North & West Europe	API
Helsinki	LSMGO	Delivered	FI HEL	FI	Finland	NWE	North & West Europe	API
Ho Chi Minh City	IF0380	Delivered	VN SGN	VN	Vietnam	SEA	South East Asia	API
Ho Chi Minh City	MGO	Delivered	VN SGN	VN	Vietnam	SEA	South East Asia	API
Ho Chi Minh City	LSMGO	Delivered	VN SGN	VN	Vietnam	SEA	South East Asia	API
Ho Chi Minh City	Marine Fuel 0.5%	Delivered	VN SGN	VN	Vietnam	SEA	South East Asia	API
Hong Kong	IF0380	Delivered	CN HOK	CN	China	EA	East Asia	Assessment
Hong Kong	MGO	Delivered	CN HOK	CN	China	EA	East Asia	Assessment
Hong Kong	LSMGO	Delivered	CN HOK	CN	China	EA	East Asia	Assessment
Hong Kong	MDO	Delivered	CN HOK	CN	China	EA	East Asia	Assessment
Hong Kong	Marine Fuel 0.5%	Delivered	CN HOK	CN	China	EA	East Asia	Assessment
Houston	IF0380	Ex-Wharf	US HOU	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
Houston	MGO	Ex-Wharf	US HOU	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
Houston	LSMGO	Ex-Wharf	US HOU	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
Houston	Marine Fuel 0.5%	Ex-Wharf	US HOU	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
Hualien	MGO	Delivered	TW HUN	TW	Taiwan	EA	East Asia	API
Hualien	IF0380	Delivered	TW HUN	TW	Taiwan	EA	East Asia	API
Hualien	Marine Fuel 0.5%	Delivered	TW HUN	TW	Taiwan	EA	East Asia	API
Huangpu	IF0380	Ex-Wharf	CN HUA	CN	China	EA	East Asia	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Huangpu	MGO	Ex-Wharf	CN HUA	CN	China	EA	East Asia	API
Huangpu	LSMGO	Ex-Wharf	CN HUA	CN	China	EA	East Asia	API
Huangpu	Marine Fuel 0.5%	Ex-Wharf	CN HUA	CN	China	EA	East Asia	API
Huasco	LSMGO	Ex-Wharf	CL HSO	CL	Chile	SAP	South America Pacific	API
Inchon	IF0380	Delivered	KR INC	KR	Korea (South)	EA	East Asia	API
Inchon	MGO	Delivered	KR INC	KR	Korea (South)	EA	East Asia	API
Inchon	LSMGO	Delivered	KR INC	KR	Korea (South)	EA	East Asia	API
Inchon	Marine Fuel 0.5%	Delivered	KR INC	KR	Korea (South)	EA	East Asia	API
Iquique	LSMGO	Delivered	CL IQQ	CL	Chile	SAP	South America Pacific	API
Iskenderun	LSMGO	Delivered	TR ISK	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
Istanbul	IF0380	Ex-Wharf	TR IST	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	Assessment
Istanbul	LSMGO	Ex-Wharf	TR IST	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	Assessment
Istanbul	MGO	Ex-Wharf	TR IST	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	Assessment
Istanbul	Marine Fuel 0.5%	Ex-Wharf	TR IST	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	Assessment
Itaqui	IF0380	Delivered	BR ITQ	BR	Brazil	SAA	South America Atlantic	API
Itaqui	MGO	Delivered	BR ITQ	BR	Brazil	SAA	South America Atlantic	API
Itaqui	Marine Fuel 0.5%	Delivered	BR ITQ	BR	Brazil	SAA	South America Atlantic	API
Izmit	IF0380	Ex-Wharf	TR IZT	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
Izmit	LSMGO	Ex-Wharf	TR IZT	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
Izmit	Marine Fuel 0.5%	Ex-Wharf	TR IZT	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
Jakarta	IF0380	Delivered	ID JKT	ID	Indonesia	SEA	South East Asia	API
Jakarta	MGO	Delivered	ID JKT	ID	Indonesia	SEA	South East Asia	API
Jakarta	Marine Fuel 0.5%	Delivered	ID JKT	ID	Indonesia	SEA	South East Asia	API
Jeddah	IF0380	Delivered	SA JED	SA	Saudi Arabia	ME	Middle East	API
Jeddah	MGO	Delivered	SA JED	SA	Saudi Arabia	ME	Middle East	API
Jeddah	Marine Fuel 0.5%	Delivered	SA JED	SA	Saudi Arabia	ME	Middle East	API
Jiangyin	IF0380	Ex-Wharf	CN JIA	CN	China	EA	East Asia	API
Jiangyin	MGO	Ex-Wharf	CN JIA	CN	China	EA	East Asia	API
Jiangyin	LSMGO	Ex-Wharf	CN JIA	CN	China	EA	East Asia	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Jiangyin	Marine Fuel 0.5%	Ex-Wharf	CN JIA	CN	China	EA	Eea	API
Jubail	IF0380	Delivered	SA JUB	SA	Saudi Arabia	ME	Middle East	API
Jubail	MGO	Delivered	SA JUB	SA	Saudi Arabia	ME	Middle East	API
Jubail	Marine Fuel 0.5%	Delivered	SA JUB	SA	Saudi Arabia	ME	Middle East	API
Kali Limenes	IF0380	Delivered	GR KLL	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	API
Kali Limenes	LSMGO	Delivered	GR KLL	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	API
Kali Limenes	Marine Fuel 0.5%	Delivered	GR KLL	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	API
Kaliningrad	IF0380	Delivered	RU KGD	RU	Russia	NWE	North & West Europe	API
Kaliningrad	LSMGO	Delivered	RU KGD	RU	Russia	NWE	North & West Europe	API
Kaliningrad	MGO	Delivered	RU KGD	RU	Russia	NWE	North & West Europe	API
Kaliningrad	Marine Fuel 0.5%	Delivered	RU KGD	RU	Russia	NWE	North & West Europe	API
Kaliningrad	ULSFO	Delivered	RU KGD	RU	Russia	NWE	North & West Europe	API
Kaohsiung	MDO	Delivered	TW KHH	TW	Taiwan	EA	East Asia	API
Kaohsiung	MGO	Delivered	TW KHH	TW	Taiwan	EA	East Asia	API
Kaohsiung	IF0380	Delivered	TW KHH	TW	Taiwan	EA	East Asia	API
Kaohsiung	Marine Fuel 0.5%	Delivered	TW KHH	TW	Taiwan	EA	East Asia	API
Karachi	IF0180	Ex-Wharf	PK KHI	PK	Pakistan	SA	South Asia	API
Karachi	IF0380	Ex-Wharf	PK KHI	PK	Pakistan	SA	South Asia	API
Karachi	MGO	Ex-Wharf	PK KHI	PK	Pakistan	SA	South Asia	API
Karachi	LSMGO	Ex-Wharf	PK KHI	PK	Pakistan	SA	South Asia	API
Karachi	Marine Fuel 0.5%	Ex-Wharf	PK KHI	PK	Pakistan	SA	South Asia	API
Kashagan	MGO	Delivered	KZ 429	KZ	Kazakhstan	MEDBLSEA	Mediterranean & Black Sea	API
Kavkaz	IF0380	Delivered	RU KZP	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Kavkaz	LSMGO	Delivered	RU KZP	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Kavkaz	Marine Fuel 0.5%	Delivered	RU KZP	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Keelung	MDO	Delivered	TW KEL	TW	Taiwan	EA	East Asia	API
Keelung	MGO	Delivered	TW KEL	TW	Taiwan	EA	East Asia	API
Keelung	IF0380	Delivered	TW KEL	TW	Taiwan	EA	East Asia	API
Keelung	Marine Fuel 0.5%	Delivered	TW KEL	TW	Taiwan	EA	East Asia	API
Khor Fakkan	IF0380	Delivered	AE KLF	AE	UAE	ME	Middle East	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Khor Fakkan	MGO	Delivered	AE KLF	AE	UAE	ME	Middle East	Assessment
Khor Fakkan	LSMGO	Delivered	AE KLF	AE	UAE	ME	Middle East	Assessment
Khor Fakkan	Marine Fuel 0.5%	Delivered	AE KLF	AE	UAE	ME	Middle East	Assessment
Kingston	IF0380	Delivered	JM KIN	JM	Jamaica	USGCARIB	US Gulf & Caribbean	API
Kingston	LSMGO	Delivered	JM KIN	JM	Jamaica	USGCARIB	US Gulf & Caribbean	API
Kingston	MGO	Delivered	JM KIN	JM	Jamaica	USGCARIB	US Gulf & Caribbean	API
Kingston	Marine Fuel 0.5%	Delivered	JM KIN	JM	Jamaica	USGCARIB	US Gulf & Caribbean	API
Klaipeda	LSMGO	Delivered	LT KLJ	LT	Lithuania	NWE	North & West Europe	API
Klaipeda	MGO	Delivered	LT KLJ	LT	Lithuania	NWE	North & West Europe	API
Kobe	IF0380	Delivered	JP UKB	JP	Japan	EA	East Asia	API
Kobe	MDO	Delivered	JP UKB	JP	Japan	EA	East Asia	API
Kochi	IF0380	Ex-Wharf	IN COK	IN	India	SA	South Asia	API
Kochi	LSMGO	Ex-Wharf	IN COK	IN	India	SA	South Asia	API
Kochi	Marine Fuel 0.5%	Ex-Wharf	IN COK	IN	India	SA	South Asia	API
Kotka	LSMDO	Delivered	FI	FI	Finland	NWE	North & West Europe	API
Kotka	MGO	Delivered	FI	FI	Finland	NWE	North & West Europe	API
Rauma	LSMDO	Delivered	FI	FI	Finland	NWE	North & West Europe	API
Tunis	MGO	Delivered	TN TUN	TN	Tunisia	MEDBLSEA	Mediterranean & Black Sea	API
Kozmino	IF0380	Delivered	RU 443	RU	Russia	EA	East Asia	API
Kozmino	MGO	Delivered	RU 443	RU	Russia	EA	East Asia	API
Kozmino	Marine Fuel 0.5%	Delivered	RU 443	RU	Russia	EA	East Asia	API
Kuwait	IF0380	Delivered	KW KWI	KW	Kuwait	ME	Middle East	API
Kuwait	MGO	Delivered	KW KWI	KW	Kuwait	ME	Middle East	Assessment
Kuwait	LSMGO	Delivered	KW KWI	KW	Kuwait	ME	Middle East	Assessment
Kuwait	Marine Fuel 0.5%	Delivered	KW KWI	KW	Kuwait	ME	Middle East	Assessment
La Guaira	IF0380	Delivered	VE LAG	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
La Guaira	MGO	Delivered	VE LAG	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
La Libertad	IF0380	Delivered	EC LLD	EC	Ecuador	SAP	South America Pacific	Assessment
La Libertad	MGO	Delivered	EC LLD	EC	Ecuador	SAP	South America Pacific	Assessment
La Libertad	LSMGO	Delivered	EC LLD	EC	Ecuador	SAP	South America Pacific	Assessment
Liangyungang	IF0380	Ex-Wharf	CN LYG	CN	China	EA	East Asia	API
Liangyungang	MGO	Ex-Wharf	CN LYG	CN	China	EA	East Asia	API
Liangyungang	LSMGO	Ex-Wharf	CN LYC	CN	China	EA	East Asia	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Liangyungang	Marine Fuel 0.5%	Ex-Wharf	CN LYC	CN	China	EA	East Asia	API
Limbe	MGO	Delivered	CM LIM	CM	Cameroon	AFR	Africa	API
Lirquen	IF0380	Delivered	CL LQN	CL	Chile	SAP	South America Pacific	API
Lirquen	LSMGO	Delivered	CL LQN	CL	Chile	SAP	South America Pacific	API
Lirquen	Marine Fuel 0.5%	Delivered	CL LQN	CL	Chile	SAP	South America Pacific	API
Lisbon	IF0380	Ex-Wharf	PT LIS	PT	Portugal	NWE	North & West Europe	API
Lisbon	LSMGO	Ex-Wharf	PT LIS	PT	Portugal	NWE	North & West Europe	API
Lisbon	MGO	Ex-Wharf	PT LIS	PT	Portugal	NWE	North & West Europe	API
Lisbon	Marine Fuel 0.5%	Ex-Wharf	PT LIS	PT	Portugal	NWE	North & West Europe	API
Lome	IF0380	Delivered	TG LFW	TG	Togo	AFR	Africa	Assessment
Lome	MGO	Delivered	TG LFW	TG	Togo	AFR	Africa	Assessment
Lome	Marine Fuel 0.5%	Delivered	TG LFW	TG	Togo	AFR	Africa	Assessment
Los Angeles	IF0380	Ex-Wharf	US LAX	US	USA	NAP	North America Pacific	Assessment
Los Angeles	MGO	Ex-Wharf	US LAX	US	USA	NAP	North America Pacific	Assessment
Los Angeles	LSMGO	Ex-Wharf	US LAX	US	USA	NAP	North America Pacific	Assessment
Los Angeles	Marine Fuel 0.5%	Ex-Wharf	US LAX	US	USA	NAP	North America Pacific	Assessment
Maceio	MGO	Delivered	BR MCZ	BR	Brazil	SAA	South America Atlantic	API
Madre de Deus	IF0180	Ex-Wharf	BR MDD	BR	Brazil	SAA	South America Atlantic	API
Madre de Deus	IF0380	Ex-Wharf	BR MDD	BR	Brazil	SAA	South America Atlantic	API
Madre de Deus	MGO	Ex-Wharf	BR MDD	BR	Brazil	SAA	South America Atlantic	API
Manaus	MGO	Delivered	BR MAO	BR	Brazil	SAA	South America Atlantic	API
Manaus	Marine Fuel 0.5%	Delivered	BR MAO	BR	Brazil	SAA	South America Atlantic	API
Manila	IF0380	Delivered	PH MNL	PH	Philippines	SEA	South East Asia	API
Manila	MGO	Delivered	PH MNL	PH	Philippines	SEA	South East Asia	API
Manila	Marine Fuel 0.5%	Delivered	PH MNL	PH	Philippines	SEA	South East Asia	API
Maracaibo	IF0380	Ex-Wharf	VE MAR	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Maracaibo	MGO	Ex-Wharf	VE MAR	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Mejillones	LSMGO	Delivered	CL MJS	CL	Chile	SAP	South America Pacific	API
Melbourne	IF0380	Delivered	AU MEL	AU	Australia	PAC	Pacific	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Melbourne	MGO	Delivered	AU MEL	AU	Australia	PAC	Pacific	Assessment
Melbourne	Marine Fuel 0.5%	Delivered	AU MEL	AU	Australia	PAC	Pacific	Assessment
Mersin	LSMGO	Delivered	TR MER	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
Mindelo	LSMGO	Delivered	CV MIN	CV	Cape Verde Islands	AFR	Africa	API
Mindelo	Marine Fuel 0.5%	Delivered	CV MIN	CV	Cape Verde Islands	AFR	Africa	API
Mombasa	IF0180	Delivered	KE MBA	KE	Kenya	AFR	Africa	API
Mombasa	MGO	Delivered	KE MBA	KE	Kenya	AFR	Africa	API
Montevideo	IF0380	Delivered	UY MVD	UY	Uruguay	SAA	South America Atlantic	API
Montevideo	MGO	Delivered	UY MVD	UY	Uruguay	SAA	South America Atlantic	Assessment
Montevideo	LSMGO	Delivered	UY MVD	UY	Uruguay	SAA	South America Atlantic	API
Montreal	IF0380	Ex-Wharf	CA MTR	CA	Canada	NAA	North America Atlantic	Assessment
Montreal	MGO	Ex-Wharf	CA MTR	CA	Canada	NAA	North America Atlantic	Assessment
Montreal	LSMGO	Ex-Wharf	CA MTR	CA	Canada	NAA	North America Atlantic	Assessment
Muchke Bay	IF0380	Delivered	RU 462	RU	Russia	EA	East Asia	API
Muchke Bay	MGO	Delivered	RU 462	RU	Russia	EA	East Asia	API
Muchke Bay	Marine Fuel 0.5%	Delivered	RU 462	RU	Russia	EA	East Asia	API
Mumbai	IF0380	Delivered	IN BOM	IN	India	SA	South Asia	API
Mumbai	MGO	Delivered	IN BOM	IN	India	SA	South Asia	Assessment
Mumbai	Marine Fuel 0.5%	Delivered	IN BOM	IN	India	SA	South Asia	API
Murmansk	IF0380	Delivered	RU MMK	RU	Russia	NWE	North & West Europe	API
Murmansk	LSMGO	Delivered	RU MMK	RU	Russia	NWE	North & West Europe	API
Murmansk	MGO	Delivered	RU MMK	RU	Russia	NWE	North & West Europe	API
Murmansk	ULSFO	Delivered	RU MMK	RU	Russia	NWE	North & West Europe	API
Murmansk	Marine Fuel 0.5%	Delivered	RU MMK	RU	Russia	NWE	North & West Europe	API
Muuga	IF0380	Delivered	EE MUU	EE	Estonia	NWE	North & West Europe	API
Muuga	LSMGO	Delivered	EE MUU	EE	Estonia	NWE	North & West Europe	API
Muuga	MGO	Delivered	EE MUU	EE	Estonia	NWE	North & West Europe	API
Muuga	ULSFO	Delivered	EE MUU	EE	Estonia	NWE	North & West Europe	API
Muuga	Marine Fuel 0.5%	Delivered	EE MUU	EE	Estonia	NWE	North & West Europe	API
Nakhodka	IF0380	Delivered	RU NJK	RU	Russia	EA	East Asia	API
Nakhodka	MGO	Delivered	RU NJK	RU	Russia	EA	East Asia	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Nahodka	Marine Fuel 0.5%	Delivered	RU NJK	RU	Russia	EA	East Asia	API
Nanjing	IF0380	Ex-Wharf	CN NKG	CN	China	EA	East Asia	API
Nanjing	MGO	Ex-Wharf	CN NKG	CN	China	EA	East Asia	API
Nanjing	LSMGO	Ex-Wharf	CN NKG	CN	China	EA	East Asia	API
Nanjing	Marine Fuel 0.5%	Ex-Wharf	CN NKG	CN	China	EA	East Asia	API
Nantong	IF0380	Ex-Wharf	CN NTG	CN	China	EA	East Asia	API
Nantong	MGO	Ex-Wharf	CN NTG	CN	China	EA	East Asia	API
Nantong	LSMGO	Ex-Wharf	CN NTG	CN	China	EA	East Asia	API
Nantong	Marine Fuel 0.5%	Ex-Wharf	CN NTG	CN	China	EA	East Asia	API
New Orleans	IF0380	Ex-Wharf	US NEW	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
New Orleans	MGO	Ex-Wharf	US NEW	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
New Orleans	LSMGO	Ex-Wharf	US NEW	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
New Orleans	Marine Fuel 0.5%	Ex-Wharf	US NEW	US	USA	USGCARIB	US Gulf & Caribbean	Assessment
New York	IF0380	Ex-Wharf	US NYC	US	USA	NAA	North America Atlantic	Assessment
New York	MGO	Ex-Wharf	US NYC	US	USA	NAA	North America Atlantic	Assessment
New York	LSMGO	Ex-Wharf	US NYC	US	USA	NAA	North America Atlantic	Assessment
New York	Marine Fuel 0.5%	Ex-Wharf	US NYC	US	USA	NAA	North America Atlantic	Assessment
Nieuw Nickerie	IF0380	Ex-Wharf	SR ICK	SR	Suriname	SAA	South America Atlantic	API
Nieuw Nickerie	MGO	Ex-Wharf	SR ICK	SR	Suriname	SAA	South America Atlantic	API
Nieuw Nickerie	LSMGO	Ex-Wharf	SR ICK	SR	Suriname	SAA	South America Atlantic	API
Nieuw Nickerie	Marine Fuel 0.5%	Ex-Wharf	SR ICK	SR	Suriname	SAA	South America Atlantic	API
Ningbo	IF0380	Ex-Wharf	CN NGB	CN	China	EA	East Asia	API
Ningbo	MGO	Ex-Wharf	CN NGB	CN	China	EA	East Asia	API
Ningbo	LSMGO	Ex-Wharf	CN NGB	CN	China	EA	East Asia	API
Ningbo	Marine Fuel 0.5%	Ex-Wharf	CN NGB	CN	China	EA	East Asia	API
Niterói	IF0380	Delivered	BR NTR	BR	Brazil	SAA	South America Atlantic	API
Niterói	MGO	Delivered	BR NTR	BR	Brazil	SAA	South America Atlantic	API
Niterói	Marine Fuel 0.5%	Delivered	BR NTR	BR	Brazil	SAA	South America Atlantic	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Norfolk VA	IF0380	Ex-Wharf	US ORF	US	USA	NAA	North America Atlantic	Assessment
Norfolk VA	MGO	Ex-Wharf	US ORF	US	USA	NAA	North America Atlantic	Assessment
Norfolk VA	LSMGO	Ex-Wharf	US ORF	US	USA	NAA	North America Atlantic	Assessment
Novorossiysk	IF0380	Delivered	RU NVS	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	Assessment
Novorossiysk	MGO	Delivered	RU NVS	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	Assessment
Novorossiysk	LSMGO	Delivered	RU NVS	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	Assessment
Novorossiysk	Marine Fuel 0.5%	Delivered	RU NVS	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	Assessment
Novorossiysk, Sheskhari term	IF0380	Delivered	RU 289	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Novorossiysk, Sheskhari term	LSMGO	Delivered	RU 289	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Novorossiysk, Sheskhari term	Marine Fuel 0.5%	Delivered	RU 289	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Off- Angola	MGO	Delivered	AO 112	AO	Angola	AFR	Africa	API
Off- Angola	Marine Fuel 0.5%	Delivered	AO 112	AO	Angola	AFR	Africa	API
Off- Angola	IF0380	Delivered	AO 112	AO	Angola	AFR	Africa	API
Off- Congo, D.R. of	MGO	Delivered	ZR 265	ZR		AFR	Africa	API
Off- Congo, D.R. of	Marine Fuel 0.5%	Delivered	ZR 265	ZR		AFR	Africa	API
Off- Ghana	IF0380	Delivered	GH 999	GH	Ghana	AFR	Africa	API
Off- Ghana	MGO	Delivered	GH 999	GH	Ghana	AFR	Africa	API
Off- Ghana	Marine Fuel 0.5%	Delivered	GH 999	GH	Ghana	AFR	Africa	API
Off- Malta	IF0380	Delivered	MT 246	MT	Malta	MEDBLSEA	Mediterranean & Black Sea	Assessment
Off- Malta	MGO	Delivered	MT 246	MT	Malta	MEDBLSEA	Mediterranean & Black Sea	Assessment
Off- Malta	LSMGO	Delivered	MT 246	MT	Malta	MEDBLSEA	Mediterranean & Black Sea	Assessment
Off- Malta	Marine Fuel 0.5%	Delivered	MT 246	MT	Malta	MEDBLSEA	Mediterranean & Black Sea	Assessment
Off- Nigeria	IF0380	Delivered	NG 59	NG	Nigeria	AFR	Africa	Assessment
Off- Nigeria	MGO	Delivered	NG 59	NG	Nigeria	AFR	Africa	Assessment
Off-Abidjan	IF0380	Delivered	CI 123	CI	Ivory Coast	AFR	Africa	API
Off-Abidjan	MGO	Delivered	CI 123	CI	Ivory Coast	AFR	Africa	API
Off-Abidjan	Marine Fuel 0.5%	Delivered	CI 123	CI	Ivory Coast	AFR	Africa	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Oran	LSMGO	Ex-Wharf	DZ ORN	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Oran	MGO	Ex-Wharf	DZ ORN	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Oran	Marine Fuel 0.5%	Ex-Wharf	DZ ORN	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Osaka	IF0380	Delivered	JP OSA	JP	Japan	EA	East Asia	Assessment
Osaka	MDO	Delivered	JP OSA	JP	Japan	EA	East Asia	Assessment
Panama Canal	IF0380	Ex-Wharf	PA PAN	PA	Panama	USGCARIB	US Gulf & Caribbean	Assessment
Panama Canal	MGO	Ex-Wharf	PA PAN	PA	Panama	USGCARIB	US Gulf & Caribbean	Assessment
Panama Canal	LSMGO	Ex-Wharf	PA PAN	PA	Panama	USGCARIB	US Gulf & Caribbean	Assessment
Paramaribo	IF0380	Ex-Wharf	SR PBM	SR	Suriname	SAA	South America Atlantic	API
Paramaribo	LSMGO	Ex-Wharf	SR PBM	SR	Suriname	SAA	South America Atlantic	API
Paramaribo	MGO	Ex-Wharf	SR PBM	SR	Suriname	SAA	South America Atlantic	API
Paramaribo	Marine Fuel 0.5%	Ex-Wharf	SR PBM	SR	Suriname	SAA	South America Atlantic	API
Paranagua	MGO	Delivered	BR PNG	BR	Brazil	SAA	South America Atlantic	Assessment
Paranagua	LSMGO	Delivered	BR PNG	BR	Brazil	SAA	South America Atlantic	Assessment
Paranam	IF0380	Ex-Wharf	SR PRM	SR	Suriname	SAA	South America Atlantic	API
Paranam	LSMGO	Ex-Wharf	SR PRM	SR	Suriname	SAA	South America Atlantic	API
Paranam	MGO	Ex-Wharf	SR PRM	SR	Suriname	SAA	South America Atlantic	API
Paranam	Marine Fuel 0.5%	Ex-Wharf	SR PRM	SR	Suriname	SAA	South America Atlantic	API
Penang	IF0380	Delivered	MY PEN	MY	Malaysia	SEA	South East Asia	API
Penang	MGO	Delivered	MY PEN	MY	Malaysia	SEA	South East Asia	API
Penang	Marine Fuel 0.5%	Delivered	MY PEN	MY	Malaysia	SEA	South East Asia	API
Philadelphia	IF0380	Ex-Wharf	US PHL	US	USA	NAA	North America Atlantic	Assessment
Philadelphia	MGO	Ex-Wharf	US PHL	US	USA	NAA	North America Atlantic	Assessment
Philadelphia	LSMGO	Ex-Wharf	US PHL	US	USA	NAA	North America Atlantic	Assessment
Piraeus	IF0380	Ex-Wharf	GR PIR	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	Assessment
Piraeus	LSMGO	Ex-Wharf	GR PIR	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	Assessment
Piraeus	MGO	Ex-Wharf	GR PIR	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	Assessment
Piraeus	Marine Fuel 0.5%	Ex-Wharf	GR PIR	GR	Greece	MEDBLSEA	Mediterranean & Black Sea	Assessment
Port Kembla	IF0380	Delivered	AU PKL	AU	Australia	PAC	Pacific	API
Port Kembla	LSMGO	Delivered	AU PKL	AU	Australia	PAC	Pacific	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Port Kembla	MGO	Delivered	AU PKL	AU	Australia	PAC	Pacific	API
Port Kembla	Marine Fuel 0.5%	Delivered	AU PKL	AU	Australia	PAC	Pacific	API
Port Klang	IF0380	Delivered	MY PKL	MY	Malaysia	SEA	South East Asia	API
Port Klang	MGO	Delivered	MY PKL	MY	Malaysia	SEA	South East Asia	API
Port Klang	Marine Fuel 0.5%	Delivered	MY PKL	MY	Malaysia	SEA	South East Asia	API
Port Louis	IF0180	Ex-Wharf	MU PLU	MU	Mauritius	AFR	Africa	API
Port Louis	LSMGO	Ex-Wharf	MU PLU	MU	Mauritius	AFR	Africa	API
Port Louis	Marine Fuel 0.5%	Ex-Wharf	MU PLU	MU	Mauritius	AFR	Africa	API
Port Muhammed Bin Qasim	IF0180	Ex-Wharf	PK BQM	PK	Pakistan	SA	South Asia	API
Port Muhammed Bin Qasim	LSMGO	Ex-Wharf	PK BQM	PK	Pakistan	SA	South Asia	API
Port Muhammed Bin Qasim	Marine Fuel 0.5%	Ex-Wharf	PK BQM	PK	Pakistan	SA	South Asia	API
Port Victoria	IF0180	Ex-Wharf	SC POV	SC	Seychelles	AFR	Africa	API
Port Victoria	LSMGO	Ex-Wharf	SC POV	SC	Seychelles	AFR	Africa	API
Poti	LSMGO	Delivered	GE PTI	GE	Georgia	MEDBLSEA	Mediterranean & Black Sea	API
Pori	LSMDO	Delivered		FI	Finland		North & West Europe	API
Pori	MGO	Delivered		FI	Finland		North & West Europe	API
Porvoo	MGO	Delivered		FI	Finland		North & West Europe	API
Porvoo	LSMDO	Delivered		FI	Finland		North & West Europe	API
Rauma	LSDMO	Delivered		FI	Finland		North & West Europe	API
Rauma	MGO	Delivered		FI	Finland		North & West Europe	API
Praia Mole	MGO	Delivered	BR PRM	BR	Brazil	SAA	South America Atlantic	API
Praia Mole	Marine Fuel 0.5%	Delivered	BR PRM	BR	Brazil	SAA	South America Atlantic	API
Primorsk (Koivisto)	IF0380	Delivered	RU PRI	RU	Russia	NWE	North & West Europe	API
Primorsk (Koivisto)	LSMGO	Delivered	RU PRI	RU	Russia	NWE	North & West Europe	API
Primorsk (Koivisto)	MGO	Delivered	RU PRI	RU	Russia	NWE	North & West Europe	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Primorsk (Koivisto)	Marine Fuel 0.5%	Delivered	RU PRI	RU	Russia	NWE	North & West Europe	API
Puerto Cabello	IF0380	Ex-Wharf	VE PBL	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Puerto Cabello	MGO	Ex-Wharf	VE PBL	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Puerto la Cruz	IF0380	Ex-Wharf	VE PCZ	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Puerto la Cruz	MGO	Ex-Wharf	VE PCZ	VE	Venezuela	USGCARIB	US Gulf & Caribbean	API
Punta Arenas	LSMGO	Delivered	CL PUQ	CL	Chile	SAP	South America Pacific	API
Qingdao	IF0380	Ex-Wharf	CN TAO	CN	China	EA	East Asia	API
Qingdao	MGO	Ex-Wharf	CN TAO	CN	China	EA	East Asia	API
Qingdao	LSMGO	Ex-Wharf	CN TAO	CN	China	EA	East Asia	API
Qingdao	Marine Fuel 0.5%	Ex-Wharf	CN TAO	CN	China	EA	East Asia	API
Qinghuangdao	IF0380	Ex-Wharf	CN SHP	CN	China	EA	East Asia	API
Qinghuangdao	MGO	Ex-Wharf	CN SHP	CN	China	EA	East Asia	API
Qinghuangdao	LSMGO	Ex-Wharf	CN SHP	CN	China	EA	East Asia	API
Qinghuangdao	Marine Fuel 0.5%	Ex-Wharf	CN SHP	CN	China	EA	East Asia	API
Quintero	IF0380	Delivered	CL QTV	CL	Chile	SAP	South America Pacific	API
Quintero	LSMGO	Delivered	CL QTV	CL	Chile	SAP	South America Pacific	API
Quintero	Marine Fuel 0.5%	Delivered	CL QTV	CL	Chile	SAP	South America Pacific	API
Ras Tanura	IF0380	Delivered	SA RTA	SA	Saudi Arabia	ME	Middle East	API
Ras Tanura	MGO	Delivered	SA RTA	SA	Saudi Arabia	ME	Middle East	API
Ras Tanura	Marine Fuel 0.5%	Delivered	SA RTA	SA	Saudi Arabia	ME	Middle East	API
Rauma	LSDMO	Delivered		FI	Finland		North & West Europe	API
Rauma	MGO	Delivered		FI	Finland		North & West Europe	API
Ravenna	IF0380	Ex-Wharf	IT RAN	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Ravenna	LSMGO	Ex-Wharf	IT RAN	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Ravenna	MGO	Ex-Wharf	IT RAN	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Ravenna	Marine Fuel 0.5%	Ex-Wharf	IT RAN	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Richards Bay	IF0180	Ex-Wharf	ZA RCB	ZA	South Africa	AFR	Africa	API
Richards Bay	MGO	Ex-Wharf	ZA RCB	ZA	South Africa	AFR	Africa	API
Richards Bay	LSMGO	Ex-Wharf	ZA RCB	ZA	South Africa	AFR	Africa	API

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Richards Bay	Marine Fuel 0.5%	Ex-Wharf	ZA RCB	ZA	South Africa	AFR	Africa	API
Riga	LSMGO	Delivered	LV RIX	LV	Latvia	NWE	North & West Europe	API
Riga	MGO	Delivered	LV RIX	LV	Latvia	NWE	North & West Europe	API
Riga	ULSFO	Delivered	LV RIX	LV	Latvia	NWE	North & West Europe	API
Rio de Janeiro	MGO	Delivered	BR RIO	BR	Brazil	SAA	South America Atlantic	Assessment
Rio de Janeiro	LSMGO	Delivered	BR RIO	BR	Brazil	SAA	South America Atlantic	Assessment
Rio Grande	IF0380	Delivered	BR RIG	BR	Brazil	SAA	South America Atlantic	API
Rio Grande	MGO	Delivered	BR RIG	BR	Brazil	SAA	South America Atlantic	API
Rio Grande	Marine Fuel 0.5%	Delivered	BR RIG	BR	Brazil	SAA	South America Atlantic	API
Rotterdam	IF0380	Delivered	NL RTM	NL	Netherlands	NWE	North & West Europe	Assessment
Rotterdam	MGO	Delivered	NL RTM	NL	Netherlands	NWE	North & West Europe	Assessment
Rotterdam	LSMGO	Delivered	NL RTM	NL	Netherlands	NWE	North & West Europe	Assessment
Rotterdam	Marine Fuel 0.5%	Delivered	NL RTM	NL	Netherlands	NWE	North & West Europe	Assessment
Rotterdam	ULSFO	Delivered	NL RTM	NL	Netherlands	NWE	North & West Europe	API
Salvador	MGO	Delivered	BR SSA	BR	Brazil	SAA	South America Atlantic	Assessment
Salvador	LSMGO	Delivered	BR SSA	BR	Brazil	SAA	South America Atlantic	Assessment
Samsun	LSMGO	Delivered	TR SSX	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
San Francisco	IF0380	Ex-Wharf	US SFO	US	USA	NAP	North America Pacific	Assessment
San Francisco	MGO	Ex-Wharf	US SFO	US	USA	NAP	North America Pacific	Assessment
San Francisco	LSMGO	Ex-Wharf	US SFO	US	USA	NAP	North America Pacific	Assessment
San Vicente	IF0380	Delivered	CL SVE	CL	Chile	SAP	South America Pacific	API
San Vicente	LSMGO	Delivered	CL SVE	CL	Chile	SAP	South America Pacific	API
San Vicente	Marine Fuel 0.5%	Delivered	CL SVE	CL	Chile	SAP	South America Pacific	API
Santa Marta	IF0380	Delivered	CO SMR	CO	Colombia	USGCARIB	US Gulf & Caribbean	API
Santa Marta	LSMGO	Delivered	CO SMR	CO	Colombia	USGCARIB	US Gulf & Caribbean	API
Santa Marta	MGO	Delivered	CO SMR	CO	Colombia	USGCARIB	US Gulf & Caribbean	API
Santa Marta	Marine Fuel 0.5%	Delivered	CO SMR	CO	Colombia	USGCARIB	US Gulf & Caribbean	API
Santos	IF0380	Delivered	BR SSZ	BR	Brazil	SAA	South America Atlantic	API
Santos	MGO	Delivered	BR SSZ	BR	Brazil	SAA	South America Atlantic	Assessment

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Santos	Marine Fuel 0.5%	Delivered	BR SSZ	BR	Brazil	SAA	South America Atlantic	Assessment
Sao Sebastiao	IF0380	Ex-Wharf	BR SSO	BR	Brazil	SAA	South America Atlantic	API
Sao Sebastiao	MGO	Ex-Wharf	BR SSO	BR	Brazil	SAA	South America Atlantic	API
Sao Sebastiao	Marine Fuel 0.5%	Ex-Wharf	BR SSO	BR	Brazil	SAA	South America Atlantic	API
Savannah	IF0380	Ex-Wharf	US SAV	US	USA	NAA	North America Atlantic	Assessment
Savannah	MGO	Ex-Wharf	US SAV	US	USA	NAA	North America Atlantic	Assessment
Savannah	Marine Fuel 0.5%	Ex-Wharf	US SAV	US	USA	NAA	North America Atlantic	API
Seattle	IF0380	Ex-Wharf	US SEA	US	USA	NAP	North America Pacific	Assessment
Seattle	MGO	Ex-Wharf	US SEA	US	USA	NAP	North America Pacific	Assessment
Seattle	LSMGO	Ex-Wharf	US SEA	US	USA	NAP	North America Pacific	Assessment
Seattle	Marine Fuel 0.5%	Ex-Wharf	US SEA	US	USA	NAP	North America Pacific	Assessment
Setubal	IF0380	Ex-Wharf	PT SET	PT	Portugal	NWE	North & West Europe	API
Setubal	LSMGO	Ex-Wharf	PT SET	PT	Portugal	NWE	North & West Europe	API
Setubal	MGO	Ex-Wharf	PT SET	PT	Portugal	NWE	North & West Europe	API
Setubal	Marine Fuel 0.5%	Ex-Wharf	PT SET	PT	Portugal	NWE	North & West Europe	API
Shanghai	IF0380	Delivered	CN SHA	CN	China	EA	East Asia	Assessment
Shanghai	MGO	Delivered	CN SHA	CN	China	EA	East Asia	Assessment
Shanghai	LSMGO	Delivered	CN SHA	CN	China	EA	East Asia	Assessment
Shanghai	Marine Fuel 0.5%	Delivered	CN SHA	CN	China	EA	East Asia	Assessment
Shekou	IF0380	Delivered	CN SHK	CN	China	EA	East Asia	API
Shekou	MGO	Delivered	CN SHK	CN	China	EA	East Asia	API
Shekou	LSMGO	Delivered	CN SHK	CN	China	EA	East Asia	API
Shekou	Marine Fuel 0.5%	Delivered	CN SHK	CN	China	EA	East Asia	API
Sines	IF0380	Ex-Wharf	PT SIE	PT	Portugal	NWE	North & West Europe	API
Sines	LSMGO	Ex-Wharf	PT SIE	PT	Portugal	NWE	North & West Europe	API
Sines	MGO	Ex-Wharf	PT SIE	PT	Portugal	NWE	North & West Europe	API
Sines	Marine Fuel 0.5%	Ex-Wharf	PT SIE	PT	Portugal	NWE	North & West Europe	API
Singapore	IF0380	Delivered	SG SIN	SG	Singapore	SEA	South East Asia	Assessment
Singapore	MGO	Delivered	SG SIN	SG	Singapore	SEA	South East Asia	Assessment

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Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Singapore	LSMGO	Delivered	SG SIN	SG	Singapore	SEA	South East Asia	Assessment
Singapore	MDO	Delivered	SG SIN	SG	Singapore	SEA	South East Asia	Assessment
Singapore	Marine Fuel 0.5%	Delivered	SG SIN	SG	Singapore	SEA	South East Asia	Assessment
Skagen	IF0380	Delivered	DK SKA	DK	Denmark	NWE	North & West Europe	API
Skagen	LSMGO	Delivered	DK SKA	DK	Denmark	NWE	North & West Europe	API
Skagen	MGO	Delivered	DK SKA	DK	Denmark	NWE	North & West Europe	API
Skagen	Marine Fuel 0.5%	Delivered	DK SKA	DK	Denmark	NWE	North & West Europe	API
Skagen	ULSFO	Delivered	DK SKA	DK	Denmark	NWE	North & West Europe	API
Skikda	LSMGO	Delivered	DZ SKI	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Skikda	MGO	Delivered	DZ SKI	DZ	Algeria	MEDBLSEA	Mediterranean & Black Sea	API
Sovetskaya Gavan	IF0380	Delivered	RU SOG	RU	Russia	EA	East Asia	API
Sovetskaya Gavan	MGO	Delivered	RU SOG	RU	Russia	EA	East Asia	API
Sovetskaya Gavan	LSMGO	Delivered	RU SOG	RU	Russia	EA	East Asia	API
St. Petersburg	IF0380	Delivered	RU LED	RU	Russia	NWE	North & West Europe	Assessment
St. Petersburg	MGO	Delivered	RU LED	RU	Russia	NWE	North & West Europe	Assessment
St. Petersburg	LSMGO	Delivered	RU LED	RU	Russia	NWE	North & West Europe	Assessment
St. Petersburg	Marine Fuel 0.5%	Delivered	RU LED	RU	Russia	NWE	North & West Europe	Assessment
St. Petersburg	ULSFO	Delivered	RU LED	RU	Russia	NWE	North & West Europe	API
Suao	MDO	Delivered	TW SUO	TW	Taiwan	EA	East Asia	API
Suao	MGO	Delivered	TW SUO	TW	Taiwan	EA	East Asia	API
Suao	IF0380	Delivered	TW SUO	TW	Taiwan	EA	East Asia	API
Suao	Marine Fuel 0.5%	Delivered	TW SUO	TW	Taiwan	EA	East Asia	API
Suez	IF0380	Delivered	EG SUZ	EG	Egypt	AFR	Africa	API
Suez	MGO	Delivered	EG SUZ	EG	Egypt	AFR	Africa	API
Suez	LSMGO	Delivered	EG SUZ	EG	Egypt	AFR	Africa	API
Suez	Marine Fuel 0.5%	Delivered	EG SUZ	EG	Egypt	AFR	Africa	API
Surabaya	IF0380	Delivered	ID SUB	ID	Indonesia	SEA	South East Asia	API
Surabaya	MGO	Delivered	ID SUB	ID	Indonesia	SEA	South East Asia	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Surabaya	Marine Fuel 0.5%	Delivered	ID SUB	ID	Indonesia	SEA	South East Asia	API
Swinoujscie	IF0380	Delivered	PL SWI	PL	Poland	NWE	North & West Europe	API
Swinoujscie	LSMGO	Delivered	PL SWI	PL	Poland	NWE	North & West Europe	API
Swinoujscie	Marine Fuel 0.5%	Delivered	PL SWI	PL	Poland	NWE	North & West Europe	API
Sydney	MGO	Delivered	AU SYD	AU	Australia	PAC	Pacific	Assessment
Sydney	Marine Fuel 0.5%	Delivered	AU SYD	AU	Australia	PAC	Pacific	Assessment
Szczecin	LSMGO	Delivered	PL SZZ	PL	Poland	NWE	North & West Europe	API
Szczecin	Marine Fuel 0.5%	Delivered	PL SZZ	PL	Poland	NWE	North & West Europe	API
Taichung	MDO	Delivered	TW TXG	TW	Taiwan	EA	East Asia	API
Taichung	MGO	Delivered	TW TXG	TW	Taiwan	EA	East Asia	API
Taichung	LSMGO	Delivered	TW TXG	TW	Taiwan	EA	East Asia	API
Taichung	Marine Fuel 0.5%	Delivered	TW TXG	TW	Taiwan	EA	East Asia	API
Talcahuano	IF0380	Delivered	CL TAL	CL	Chile	SAP	South America Pacific	API
Talcahuano	LSMGO	Delivered	CL TAL	CL	Chile	SAP	South America Pacific	API
Talcahuano	MDO	Delivered	CL TAL	CL	Chile	SAP	South America Pacific	API
Talcahuano	Marine Fuel 0.5%	Delivered	CL TAL	CL	Chile	SAP	South America Pacific	API
Tallinn	IF0380	Delivered	EE TLL	EE	Estonia	NWE	North & West Europe	API
Tallinn	LSMGO	Delivered	EE TLL	EE	Estonia	NWE	North & West Europe	API
Tallinn	MGO	Delivered	EE TLL	EE	Estonia	NWE	North & West Europe	API
Tallinn	Marine Fuel 0.5%	Delivered	EE TLL	EE	Estonia	NWE	North & West Europe	API
Tallinn	ULSFO	Delivered	EE TLL	EE	Estonia	NWE	North & West Europe	API
Taman	IF0380	Delivered	RU TAM	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Taman	LSMGO	Delivered	RU TAM	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Taman	Marine Fuel 0.5%	Delivered	RU TAM	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Tarragona	IF0380	Ex-Wharf	ES TAR	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Tarragona	LSMGO	Ex-Wharf	ES TAR	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Tarragona	MGO	Ex-Wharf	ES TAR	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Tauranga	IF0380	Delivered	NZ TRG	NZ	New Zealand	PAC	Pacific	API
Tauranga	LSMGO	Delivered	NZ TRG	NZ	New Zealand	PAC	Pacific	API
Tauranga	MGO	Delivered	NZ TRG	NZ	New Zealand	PAC	Pacific	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Tauranga	Marine Fuel 0.5%	Delivered	NZ TRG	NZ	New Zealand	PAC	Pacific	API
Tema	IF0380	Delivered	GH TEM	GH	Ghana	AFR	Africa	API
Tema	MGO	Delivered	GH TEM	GH	Ghana	AFR	Africa	API
Tema	Marine Fuel 0.5%	Delivered	GH TEM	GH	Ghana	AFR	Africa	API
Temryuk	MGO	Delivered	RU 102	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Tianjin	IF0380	Ex-Wharf	CN TSN	CN	China	EA	East Asia	API
Tianjin	MGO	Ex-Wharf	CN TSN	CN	China	EA	East Asia	API
Tianjin	LSMGO	Ex-Wharf	CN TSN	CN	China	EA	East Asia	API
Tianjin	Marine Fuel 0.5%	Ex-Wharf	CN TSN	CN	China	EA	East Asia	API
Tocopilla	IF0380	Delivered	CL TOQ	CL	Chile	SAP	South America Pacific	API
Tocopilla	LSMGO	Delivered	CL TOQ	CL	Chile	SAP	South America Pacific	API
Tokyo	IF0380	Delivered	JP TYO	JP	Japan	EA	East Asia	Assessment
Tokyo	MDO	Delivered	JP TYO	JP	Japan	EA	East Asia	Assessment
Tokyo	Marine Fuel 0.5%	Delivered	JP TYO	JP	Japan	EA	East Asia	Assessment
Trabzon	LSMGO	Delivered	TR TZX	TR	Turkey	MEDBLSEA	Mediterranean & Black Sea	API
Trieste	IF0380	Ex-Wharf	IT TRS	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Trieste	MGO	Ex-Wharf	IT TRS	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Trieste	LSMGO	Ex-Wharf	IT TRS	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Trieste	Marine Fuel 0.5%	Ex-Wharf	IT TRS	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Tromsø	IF0380	Ex-Wharf	NO TOS	NO	Norway	NWE	North & West Europe	API
Tromsø	LSMGO	Ex-Wharf	NO TOS	NO	Norway	NWE	North & West Europe	API
Tromsø	MGO	Ex-Wharf	NO TOS	NO	Norway	NWE	North & West Europe	API
Tuapse	IF0380	Delivered	RU TUA	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Tuapse	LSMGO	Delivered	RU TUA	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Tuapse	Marine Fuel 0.5%	Delivered	RU TUA	RU	Russia	MEDBLSEA	Mediterranean & Black Sea	API
Tubarao	IF0380	Delivered	BR TUB	BR	Brazil	SAA	South America Atlantic	API
Tubarao	MGO	Delivered	BR TUB	BR	Brazil	SAA	South America Atlantic	API
Tubarao	Marine Fuel 0.5%	Delivered	BR TUB	BR	Brazil	SAA	South America Atlantic	API
Tunis	IF0380	Delivered	TN TUN	TN	Tunisia	MEDBLSEA	Mediterranean & Black Sea	API
Tunis	MGO	Delivered	TN TUN	TN	Tunisia	MEDBLSEA	Mediterranean & Black Sea	API
Turku	LSMDO	Delivered	FI TKU	FI	Finland	NWE	North & West Europe	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Turku	LSMGO	Delivered	FI TKU	FI	Finland	NWE	North & West Europe	API
Turku	MDO	Delivered	FI TKU	FI	Finland	NWE	North & West Europe	API
Turku	MGO	Delivered	FI TKU	FI	Finland	NWE	North & West Europe	API
Ulsan	IF0380	Delivered	KR USN	KR	Korea (South)	EA	East Asia	Assessment
Ulsan	MGO	Delivered	KR USN	KR	Korea (South)	EA	East Asia	Assessment
Ust-Luga	IF0380	Delivered	RU ULG	RU	Russia	NWE	North & West Europe	API
Ust-Luga	LSMGO	Delivered	RU ULG	RU	Russia	NWE	North & West Europe	API
Ust-Luga	MGO	Delivered	RU ULG	RU	Russia	NWE	North & West Europe	API
Ust-Luga	Marine Fuel 0.5%	Delivered	RU ULG	RU	Russia	NWE	North & West Europe	API
Ust-Luga	ULSFO	Delivered	RU ULG	RU	Russia	NWE	North & West Europe	API
Valencia	IF0380	Ex-Wharf	ES VLC	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Valencia	LSMGO	Ex-Wharf	ES VLC	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Valencia	MGO	Ex-Wharf	ES VLC	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Valencia	Marine Fuel 0.5%	Ex-Wharf	ES VLC	ES	Spain	MEDBLSEA	Mediterranean & Black Sea	API
Valparaiso	IF0380	Delivered	CL VAP	CL	Chile	SAP	South America Pacific	Assessment
Valparaiso	MGO	Delivered	CL VAP	CL	Chile	SAP	South America Pacific	Assessment
Valparaiso	LSMGO	Delivered	CL VAP	CL	Chile	SAP	South America Pacific	Assessment
Vancouver BC	IF0380	Ex-Wharf	CA VAN	CA	Canada	NAP	North America Pacific	Assessment
Vancouver BC	MGO	Ex-Wharf	CA VAN	CA	Canada	NAP	North America Pacific	Assessment
Vancouver BC	LSMGO	Ex-Wharf	CA VAN	CA	Canada	NAP	North America Pacific	Assessment
Vanino	IF0380	Delivered	RU VNN	RU	Russia	EA	East Asia	API
Vanino	MGO	Delivered	RU VNN	RU	Russia	EA	East Asia	API
Vanino	LSMGO	Delivered	RU VNN	RU	Russia	EA	East Asia	API
Vanino	Marine Fuel 0.5%	Delivered	RU VNN	RU	Russia	EA	East Asia	API
Varna	IF0380	Ex-Wharf	BG VAR	BG	Bulgaria	MEDBLSEA	Mediterranean & Black Sea	API
Varna	LSMGO	Ex-Wharf	BG VAR	BG	Bulgaria	MEDBLSEA	Mediterranean & Black Sea	API
Varna	Marine Fuel 0.5%	Ex-Wharf	BG VAR	BG	Bulgaria	MEDBLSEA	Mediterranean & Black Sea	API
Venice	IF0380	Ex-Wharf	IT VCE	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Venice	LSMGO	Ex-Wharf	IT VCE	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Venice	MGO	Ex-Wharf	IT VCE	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API
Venice	Marine Fuel 0.5%	Ex-Wharf	IT VCE	IT	Italy	MEDBLSEA	Mediterranean & Black Sea	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Ventspils	IF0380	Delivered	LV VNT	LV	Latvia	NWE	North & West Europe	API
Ventspils	LSMGO	Delivered	LV VNT	LV	Latvia	NWE	North & West Europe	API
Ventspils	MGO	Delivered	LV VNT	LV	Latvia	NWE	North & West Europe	API
Vila do Conde	IF0380	Delivered	BR VDC	BR	Brazil	SAA	South America Atlantic	API
Vila do Conde	MGO	Delivered	BR VDC	BR	Brazil	SAA	South America Atlantic	API
Vila do Conde	Marine Fuel 0.5%	Delivered	BR VDC	BR	Brazil	SAA	South America Atlantic	API
Vitoria	IF0380	Delivered	BR VIX	BR	Brazil	SAA	South America Atlantic	API
Vitoria	MGO	Delivered	BR VIX	BR	Brazil	SAA	South America Atlantic	API
Vitoria	Marine Fuel 0.5%	Delivered	BR VIX	BR	Brazil	SAA	South America Atlantic	API
Vladivostok	IF0380	Delivered	RU VVO	RU	Russia	EA	East Asia	API
Vladivostok	MGO	Delivered	RU VVO	RU	Russia	EA	East Asia	API
Vladivostok	LSMGO	Delivered	RU VVO	RU	Russia	EA	East Asia	API
Vladivostok	Marine Fuel 0.5%	Delivered	RU VVO	RU	Russia	EA	East Asia	API
Vladivostok	ULSFO	Delivered	RU VVO	RU	Russia	EA	East Asia	API
Vostochnyy	IF0380	Delivered	RU VYP	RU	Russia	EA	East Asia	API
Vostochnyy	MGO	Delivered	RU VYP	RU	Russia	EA	East Asia	API
Vostochnyy	LSMGO	Delivered	RU VYP	RU	Russia	EA	East Asia	API
Vostochnyy	Marine Fuel 0.5%	Delivered	RU VYP	RU	Russia	EA	East Asia	API
Vostochnyy	ULSFO	Delivered	RU VYP	RU	Russia	EA	East Asia	API
Vyborg	IF0380	Delivered	RU VYG	RU	Russia	NWE	North & West Europe	API
Vyborg	LSMGO	Delivered	RU VYG	RU	Russia	NWE	North & West Europe	API
Vyborg	MDO	Delivered	RU VYG	RU	Russia	NWE	North & West Europe	API
Vyborg	MGO	Delivered	RU VYG	RU	Russia	NWE	North & West Europe	API
Vysotsk	IF0380	Delivered	RU 479	RU	Russia	NWE	North & West Europe	API
Vysotsk	LSMGO	Delivered	RU 479	RU	Russia	NWE	North & West Europe	API
Walvis Bay	IF0380	Ex-Wharf	NA WVB	NA	Namibia	AFR	Africa	API
Walvis Bay	MGO	Ex-Wharf	NA WVB	NA	Namibia	AFR	Africa	API
Walvis Bay	Marine Fuel 0.5%	Ex-Wharf	NA WVB	NA	Namibia	AFR	Africa	API
Xiamen	IF0380	Ex-Wharf	CN XMN	CN	China	EA	East Asia	API
Xiamen	MGO	Ex-Wharf	CN XMN	CN	China	EA	East Asia	API
Xiamen	LSMGO	Ex-Wharf	CN XMN	CN	China	EA	East Asia	API
Xiamen	Marine Fuel 0.5%	Ex-Wharf	CN XMN	CN	China	EA	East Asia	API

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Yanbu	IFO380	Delivered	SAYNB	SA	Saudi Arabia	ME	Middle East	API
Yanbu	MGO	Delivered	SAYNB	SA	Saudi Arabia	ME	Middle East	API
Yanbu	Marine Fuel 0.5%	Delivered	SAYNB	SA	Saudi Arabia	ME	Middle East	API
Yantai	IFO380	Ex-Wharf	CN	China	EA	East Asia	API	
Yantai	MGO	Ex-Wharf	CN	China	EA	East Asia	API	
Yantian	IFO380	Delivered	CN	China	EA	East Asia	API	
Yantian	MGO	Delivered	CN	China	EA	East Asia	API	
Yantian	LSMGO	Delivered	CN	China	EA	East Asia	API	
Yantian	Marine Fuel 0.5%	Delivered	CN	China	EA	East Asia	API	
Zarate	IFO380	Delivered	AR	Argentina	SAA	South America Atlantic	API	
Zarate	MDO	Delivered	AR	Argentina	SAA	South America Atlantic	API	
Zarate	MGO	Delivered	AR	Argentina	SAA	South America Atlantic	API	

BUNKERWORLD PORTS

Port Name	Grade	Basis	Port Code	Country Code	Country	Region Code	Region Name	Source
Zhanjiang	IFO380	Ex-Wharf	CN	China	EA	East Asia	API	
Zhanjiang	MGO	Ex-Wharf	CN	China	EA	East Asia	API	
Zhanjiang	LSMGO	Ex-Wharf	CN	China	EA	East Asia	API	
Zhanjiang	Marine Fuel 0.5%	Ex-Wharf	CN	China	EA	East Asia	API	
Zhoushan	IFO380	Ex-Wharf	CN	China	EA	East Asia	API	
Zhoushan	MGO	Ex-Wharf	CN	China	EA	East Asia	API	
Zhoushan	LSMGO	Ex-Wharf	CN	China	EA	East Asia	API	
Zhoushan	Marine Fuel 0.5%	Ex-Wharf	CN	China	EA	East Asia	Assessment	
Zona Comun	IFO380	Delivered	AR	Argentina	SAA	South America Atlantic	API	
Zona Comun	LSMGO	Delivered	AR	Argentina	SAA	South America Atlantic	API	
Zona Comun	MGO	Delivered	AR	Argentina	SAA	South America Atlantic	API	
Zona Comun	Marine Fuel 0.5%	Delivered	AR	Argentina	SAA	South America Atlantic	API	

Bunkerworld average price indications

Platts publishes Bunkerworld Average Price Indications for a variety of ports and grades where there is less liquidity and where no Platts assessment is published. These cover indications for over 300 ports worldwide and across eight fuel grades: Marine Fuel 0.5%, IFO380, IFO180, MDO, MGO, Low-Sulphur 380 (1%), Low-Sulphur 180 (1%), Low-Sulphur MDO (0.1%) and Low-Sulphur MGO (0.1%).

Average Price Indications

In some markets and locations where bunker price information is limited, Platts publishes Average Price Indications (API). Price information collected through the market survey approach in the form of indications or reported deals is used to generate a daily average price for each port/grade where available. For APIs, each price point is entered into the database independently, including the following information: date, port, grade, price and time entered. For reported deals, quantity and delivery date is also included. Where sources provide a range of price indications,

these will be treated as a single price point and the midpoint of the range will be used for the final calculation.

Platts analyses reported transactions in order to identify potentially anomalous data, that may be excluded from formulating an index. This analysis includes but is not limited to standard deviation, volume and gaps in trade data. Editorial judgment is only applied when determining whether data is suitable for inclusion within the index calculation. No judgement is used during the index calculation itself. Only data that meets methodology requirements will be accepted. Average price indications take a simple average of all included price points for that port, grade and date. They are updated whenever a new price point is added. For example, if a single indication for Auckland IFO 380 is entered on January 5 at 04:00 GMT at \$200/mt, the API will be generated at that price level for that date at the time of data entry. If a reported trade is then entered at 06:00 GMT on the same date at \$195/mt, the API will be updated to \$197.50/mt $[(195+200)/2]$ for the same date but with a new stamp. Average price indications are purely calculated indices and are generated by database triggers.

Dependent ports: For some ports and/or grades, there may be no fresh price points entered on a given day. If price movements for that API are strongly correlated with prices in a more liquid API or Platts bunker assessment, the less liquid API may be designated a dependent price. In the case that there is no data for a dependent API, a price indication will be generated based on the last known differential between the dependent API and its parent. A parent port may have multiple APIs depending on it. For example, Port Arthur, Brownsville, Lake Charles and Beaumont are all dependent on Houston. Actual data obtained for a dependent port will always take precedence over values generated from the differential to the parent port.

For those ports which do not correlate with prices in another bunker port, the parent price used may be the most liquid regional fuel oil benchmark, for example FOB Singapore 380 CST HSFO. Dependent port APIs are generated daily at 01:00 GMT. The Montevideo and Buenos Aires port APIs reflect the previous day's values.

Bunkerworld indices

The Bunkerworld Indices are a set of global indices indicating the movement of the price of bunker fuel worldwide. Price averages in 22 major ports worldwide are averaged to produce the Bunkerworld Indices.

The input values for the indices are the Bunkerworld Benchmark Prices (BBPs). These are a set of numbers for various ports and grades. Where Platts publishes an assessment for a given port and grade, the assessment is used for the BBP. For all others, Bunkerworld Average Price Indications are used. For APIs, as the published average can change throughout the day, the BBP is a snapshot of the average at a preset time every day.

BBPs are recorded for the following port/grade combinations daily:

Asia (recorded at 11:30 GMT)

Busan: IFO380, LSMGO, MDO, MGO, Marine Fuel 0.5%

Colombo: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Hong Kong: IFO380, LSMGO, MDO, Marine Fuel 0.5%

Shanghai: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Singapore: IFO380, LSMGO, MDO, MGO, Marine Fuel 0.5%

Tokyo: IFO380, LSMGO, MDO, Marine Fuel 0.5%

EMEA (recorded at 16:00 GMT)

Canary Islands: IFO380, MGO

Durban: IFO180, MGO, Marine Fuel 0.5%

Fujairah: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Gibraltar: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Off- Nigeria: IFO380, MGO

Piraeus: IFO380, LS380, LSMGO, MGO, Marine Fuel 0.5%

Rotterdam: IFO380, LSMGO, MGO, Marine Fuel 0.5%

St. Petersburg: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Suez: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Las Palmas: Marine Fuel 0.5%

Americas (recorded at 17:00 GMT)

Houston: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Los Angeles: IFO380, LSMGO, MGO, Marine Fuel 0.5%

New York: IFO380, LSMGO, MGO, Marine Fuel 0.5%

Panama Canal: IFO380, LSMGO, MGO

Santos: IFO380, MGO, Marine Fuel 0.5%

Balboa: Marine Fuel 0.5%

The Bunkerworld Index

The Bunkerworld Index (BWI) is a dynamic index with a base value set to 1000 on September 1, 2009. The BWI is calculated using 57% Marine Fuel 0.5%S, 25% IFO 380, 15% MGO, and 3% MDO.

The BWI is calculated as follows:

$$\left((\text{Average of all BBPs for IFO380} * 0.25) + (\text{Average of BBPs for Marine Fuel 0.5\%S} * 0.57) + (\text{Average of BBPs for MGO} * 0.15) + (\text{Average of BBPs for MDO} * 0.03) \right) * 1000 / 473.9503$$

BUNKERWORLD 0.5% INDEX

The BW0.5%S Index comprises BBPs from the following ports:

Hong Kong

South Korea

Shanghai

Singapore

Japan

Las Palmas

Durban

Fujairah

Gibraltar

Piraeus

Rotterdam

St. Petersburg

Houston

Los Angeles

New York

Balboa

Santos

The Bunkerworld 380 Index and Bunkerworld 180 Index

The Bunkerworld 380 Index (BW380) and Bunkerworld 180 Index (BW180) are unweighted simple averages of all BBP prices for IFO380 and IFO 180 respectively. There is no low sulfur contribution.

The Bunkerworld Distillate Index

The Bunkerworld Distillate Index (BWDI) is a weighted average of the BBP prices for MDO and MGO, with a one third contribution from MDO and two thirds from MGO. There is no low sulfur contribution.

The Bunkerworld Maximum 0.1% Sulfur Distillate Index

The Bunkerworld Maximum 0.1% Sulfur Distillate Index BW0.1%S is an unweighted index of all LSMGO BBPs and the Tokyo MDO.

The Bunkerworld Marine Fuel 0.5%S Index

The Bunkerworld Marine Fuel 0.5%S Index is an unweighted index of 17 0.5%S assessments published in Bunkerworld.

REVISION HISTORY

August 2021: Platts updated this guide to reflect the launch of ex-wharf Marine Fuel 0.5%S assessment at the east China port of Zhoushan on July 1, 2021. Details on merchantability of bunker fuel were added.

May 2021: Platts updated this guide to reflect the amendment to the composition of the Bunkerworld Index.

March 2021: Platts updated this guide to reflect the discontinuation of most of its IFO 180 CST bunker fuel assessments globally from Jan. 4, 2021.

November 2020: Platts updated the guide to reflect the discontinuation of delivered 380 CST and 180 CST bunker assessments at Mumbai, Colombo, Kuwait and Khor Fakkan, and 380 CST and 180 CST bunker assessments at Melbourne and Sydney, respectively from November 2, 2020. Platts will continue to publish values for delivered 380 CST bunker at Melbourne, Mumbai, Colombo, Kuwait and Khor Fakkan in Bunkerworld as Average Price Indications.

September 2020: Platts completed an annual review of the Global Bunkers Fuel methodology and specifications guide. Platts reviewed all content and corrected minor errors throughout, as well as discrepancies between the text and the tables. Platts updated the guide to reflect the launch of delivered Marine Fuel 0.5% and marine gasoil 0.1% assessments at Sydney, Melbourne, Mumbai, Colombo, Kuwait and Khor Fakkan from September 1, 2020. Amended Northwest European Map to reflect correct assessments in Rotterdam. Updated Bunkerworld Indices to remove IPC180 and IPC380 assessments. Updated the Bunkerworld tables to reflect new assessments and discontinuation. Created new table to reflect Marine Fuel 0.5%S Index. Platts updated the guide to reflect the new price assessments for Marine fuel 0.5% bunkers on both an ex-wharf and delivered basis in Montreal and San Francisco and on a delivered basis in El Callao, Guayaquil, La

Libertad and Montevideo. Additionally, Platts has discontinued Montevideo 3.5% sulfur IFO 380 CST and IFO 180 CST bunker fuel assessments, and launched an Average Price Indicator for IFO 380 CST, effective August 17, 2020.

June 2020: Removed duplicate entry from table in EMEA.

May 2020: Platts updated the guide to reflect the addition of a minimum viscosity requirement of 30 CST at 50 degrees Celsius for its global Marine Fuel 0.5% assessments from April 1, 2020. Platts also updated the guide to reflect the discontinuation of the Houston and New York ultra low sulfur 0.1% ex-wharf bunkers fuel assessments with effect from April 1, 2020. This market has evolved and it has become clear that ship owners have preferred to consume 0.1% marine gasoil compliant fuel in ECA zones, and market feedback is that residual blends of 0.1% ultra low sulfur bunkers in these locations are illiquid and uncommon. Additionally, Platts updated the guide to reflect the discontinuation of the Buenos Aires 3.5% sulfur IFO 380 CST, Buenos 3.5% sulfur IFO 180 CST, Santos 3.5% sulfur IFO 380 CST and Santos 3.5% sulfur IFO 180 CST bunker fuel assessments, effective February 3, 2020.

January 2020: Platts updated the guide to reflect the new price assessments for Marine Fuel 0.5% bunkers on an ex-wharf basis in New Orleans, Philadelphia, Seattle and Vancouver, and on a delivered basis in Buenos Aires, Cartagena, Santos and Valparaiso, effective December 2, 2019. Additionally, Platts updated the Americas posted price table to reflect the discontinuation of Petrobras Bunker Posting for IFO 180 CST and IFO 380 CST delivered prices at its Paraguana, Rio de Janeiro, Salvador and Santos ports and to reflect Petrobras VLSFO 0.5%S prices in the same locations. The discontinuation follows the announcement from Petrobras that it will no longer sell 3.5% sulfur bunkers at its Brazilian ports. Platts updated the Asia and Middle East table after discontinuing publication of high sulfur bunker fuel prices posted by Taiwan's CPC Corporation for MF-80 and MF-180 grades at Hualien and Suao, and MF-380 grade at Hualien, Suao, Keelung and Taichung ports effective

January 2, 2020. Platts also updated the guide to reflect the lowering of sulfur limit to 0.5% for certain delivered marine gasoil assessments in Singapore, Sydney, Melbourne, Mumbai, Colombo, Fujairah, Khor Fakkan, Kuwait, South Korea, Busan, Shanghai, Lome and Offshore Nigeria from 1.5% previously, and marine diesel oil assessments in Japan and West Japan from 2% previously, effective December 2, 2019. The tables were updated to include Marine Fuel 0.5% and 3.5% sulfur 380 CST bunker assessments published in \$/MMBtu at Singapore, and Marine Fuel 0.5%, low sulfur 0.1% and 3.5% sulfur 380 CST delivered bunker assessments published in Eur/MWh in Rotterdam from December 2, 2019. The Asia and Middle East table was updated after Platts discontinued publication of bunker prices posted by Taiwan's CPC Corporation for the MF-80 and MF-180 grades at Kaohsiung, Keelung and Taichung ports effective November 22, 2019, as CPC has stopped supplying the bunker fuel grades at these three ports. In Europe, Platts added new 0.5% Marine Fuel assessments in both the table and the map.

October 2019: Platts completed an annual review of the Global Bunker Fuels methodology and specifications guide, and added maps of ports at which Platts assesses marine fuel grades. The Asia and Middle East table was updated to reflect assessments at Busan and marine fuel 0.5% MF-180 postings by Taiwan's CPC.

July 2019: Platts updated the guide to reflect new IMO-compliant Marine Fuel 0.5% bunker assessments on delivered and ex-wharf basis launched at key ports globally on July 1, 2019. Platts also added assessments for delivered bunker fuel reflecting a maximum sulfur limit of 0.5% and LSMGO with maximum 0.1% sulfur limit at the east Chinese port of Zhoushan that were launched on July 1, 2019. In the Americas, the guide was also updated to reflect that Platts discontinued the publication of third-party LNG bunker fuel prices by FortisBC from June 3, 2019.

June 2019: Platts updated the guide to reflect changes to the delivery and volume reflected in its assessment of delivered bunker prices at Fujairah, Hong Kong, Shanghai and South

Korea (Busan and Ulsan), and delivered 380 CST, 180 CST, MGO and LSMGO at Japan (Tokyo/Yokohama Bay) and West Japan (Setouchi) from June 3, 2019. Platts completed an annual update to sections 1 to 6 of Platts Methodology and Specifications Guides in April 2019, and moved these sections into a standalone Methodology Guide. Specifications of bunker fuel, MGO and MDO have been updated to reflect standards as defined by the International Organization for Standardization in document ISO 8217:2010 Petroleum products - Fuels (class F) - Specifications of marine fuels from January 2, 2019. Platts has also updated the delivered bunker fuel section under Asia and the Middle East, following a change to the delivery period and an update in guidelines for participants in the Platts Market on Close assessment process for Singapore delivered bunker fuel market from July 2, 2018. The Asia and the Middle East table was also updated to add Colombo port.

In Europe the guide was updated to reflect the fact that European ULSFO assessments now reflect an RMD 80 specification. Algoa Bay was also added as an MGO assessment. The European table was also updated to reflect this change. The size guidelines on all European and African ports in the table now reads 300-1,000mt as a typical minimum and maximum size, in line with the methodology guide.

March 2018: Platts completed an annual review of the Global

Bunker Fuels methodology and specifications guide. Platts also added a new section I to VI, while also adding additional text on Average Price Indications in section VII. Platts removed references to several posted bunker prices at Asian ports that have been discontinued. Platts removed reference to force majeure in Asia and the Middle East Assessments section as it is already covered under Part III (Page 7). Platts changed reference from “New York banking holiday” to “Singapore banking holiday” under Payment in Asia and the Middle East Assessments section (Page 16).

December 2017: Platts has updated the guide to remove a reference to Hong Kong marine gasoil delivered bunker assessments that were discontinued November 1, 2017. The guide has also been updated to reflect changes to volumes for IFO 180 CT, IFO 380 CST and marine gasoil assessments in Canada. Platts added details regarding new LNG bunker postings from FortisBC for Vancouver, Canada. Platts added new information regarding proposed assessments to reflect changes in bunker supply associated with the planned International Maritime Organization limitations on sulfur in marine fuels in 2020.

June 2017: Platts completed an annual review of the Global Bunker Fuels methodology and specifications guide. Platts reviewed all content and made minor edits to language. Guidance on atypical bids, offers and trades was clarified, while

guidance on Law, Embargoed products, Late performance, Compensation, Force majeure, Booking out trades and Review of trades was moved. Platts also added a reference to Used Lubricating Oils. Platts added assessments for Offshore Nigeria, removed ex-wharf Durban and replaced with a delivered basis assessment, and edited sections I to VI for clarity. In the Americas, Platts removed references to discontinued assessments for 1% sulfur bunker fuel in North America and Panama; and IFO 380, IFO 180, marine gasoil and barging rates in Portland, Oregon. Details were included for new IFO 180 CST, IFO 380 CST and marine gasoil assessments at the Panama Canal and Santos, Brazil; and IFO 500 CST assessments at New York. Platts also updated the volumes reflected in its IFO 180 CST, IFO 380 CST and marine gasoil assessments in the Americas throughout and laycan changes for its marine fuel assessments in Panama. Platts also detailed the methodology for its barge rate assessments, ultra low sulfur bunker fuel assessments, Panama Canal assessments and posted prices in the Americas. For Asia, Platts added methodology descriptions for new delivered LSMGO and LSMDO assessments launched at Asian ports starting June 1, 2017.

January 2016: Platts created a global bunkers guide incorporating sections that had previously been incorporated into regional oil products guides.