

# Specifications Guide

## Global Bunker Fuels

Latest update: November 2025

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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](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). 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 Platts'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.

**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 um.

**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 um.

**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 ISO 8217:2010 specification.

While the ISO standards do not specify maximum limits for chemical content in marine fuels, based on extensive market engagement Platts understands that unusually high levels of chemicals including styrene, indene, and phenol, either individually or in total, may render the fuel non-merchantable in the bunker market. If chemical compounds, including styrene, indene, and phenol are present in product sold in the MOC process, the levels of each chemical compound and their combined levels must be reasonable and reflective of standard market practice. Buyers participating in the Platts Market on Close assessment process have the right to request GCMS testing from the seller at their own expense. The seller should not unreasonably reject this request.

**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	<b>MFSPD00</b>	<b>MFSPD03</b>	-	-	Delivered	Singapore	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Fujairah	<b>MFFJD00</b>	<b>MFFJD03</b>	-	-	Delivered	UAE	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Japan	<b>MFJPD00</b>	<b>MFJPD03</b>	-	-	Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd West Japan	<b>BAMFB00</b>	<b>BAMFB03</b>	-	-	Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd South Korea	<b>MFSKD00</b>	<b>MFSKD03</b>	-	-	Delivered	South Korea	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd South Korea (West)	<b>WKMFA00</b>	<b>WKMFA03</b>			Delivered	South Korea (West)	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Hong Kong	<b>MFHKD00</b>	<b>MFHKD03</b>	-	-	Delivered	Hong Kong	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Shanghai	<b>MFSHD00</b>	<b>MFSHD03</b>	-	-	Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Zhoushan	<b>MFZSD00</b>	<b>MFZSD03</b>	-	-	Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Sydney	<b>MFDSY00</b>	<b>MFDSY03</b>	-	-	Delivered	Australia	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Melbourne	<b>MFDMB00</b>	<b>MFDMB03</b>	-	-	Delivered	Australia	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Mumbai	<b>MFDMM00</b>	<b>MFDMM03</b>	-	-	Delivered	India	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Colombo	<b>MFDCL00</b>	<b>MFDCL03</b>	-	-	Delivered	Sri Lanka	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Kuwait	<b>MFDKW00</b>	<b>MFDKW03</b>	-	-	Delivered	Kuwait	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Dlvd Khor Fakkan	<b>MFDKF00</b>	<b>MFDKF03</b>	-	-	Delivered	UAE	5-10 days	500	1,500	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Ex-Wharf Singapore	<b>MFSPE00</b>	<b>MFSPE03</b>	-	-	Ex-Wharf	Singapore	3-15 days	1,000	6,000	US\$	Metric Tons	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Zhoushan	<b>MFZHN00</b>	<b>MFZHN03</b>	-	-	Ex-Wharf	China	3-15 days	1,000	6,000	US\$	Metric Tons	6.35
Marine Fuel 0.5% bunker Ex-Wharf Fujairah	<b>MFFJE00</b>	<b>MFFJE03</b>	-	-	Ex-Wharf	UAE	5-15 days	2,000	7,000	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Fujairah	<b>PUAXP00</b>	<b>PUAXP03</b>	-	-	Delivered	UAE	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Ex-Wharf Fujairah	<b>AAYBF00</b>	<b>AAYBF03</b>	-	-	Ex-Wharf	UAE	5-15 days	2,000	7,000	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Hong Kong	<b>PUAER00</b>	<b>PUAER03</b>	-	-	Delivered	Hong Kong	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Japan	<b>PUAEV00</b>	<b>PUAEV03</b>	-	-	Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Shanghai	<b>AARKD00</b>	<b>AARKD03</b>	-	-	Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Singapore	<b>PUAFT00</b>	<b>PUAFT03</b>	-	-	Delivered	Singapore	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Ex-Wharf Singapore	<b>AAFER00</b>	<b>AAFES00</b>	-	-	Ex-Wharf	Singapore	3-15 days	1,000	6,000	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd South Korea	<b>PUAFR00</b>	<b>PUAFR03</b>	-	-	Delivered	South Korea	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Busan	<b>PUAGQ00</b>	<b>PUAGQ03</b>	-	-	Delivered	South Korea	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd West Japan	<b>AARJZ00</b>	<b>AARJZ03</b>	-	-	Delivered	Japan	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 380 CST Dlvd Zhoushan	<b>BFDZA00</b>	<b>BFDZA03</b>	-	-	Delivered	China	5-10 days	500	1,500	US\$	Metric Tons	6.35
Bunker FO 500 CST Dlvd Singapore	<b>AAVU000</b>	<b>AAVU003</b>	-	-	Delivered	Singapore	5-10 days	500	1,500	US\$	Metric Tons	6.23
Bunker FO 500 CST Ex-Wharf Singapore	<b>AAVUP00</b>	<b>AAVUP03</b>	-	-	Ex-Wharf	Singapore	3-15 days	1,000	6,000	US\$	Metric Tons	6.23
Marine Fuel 0.5% bunker Dlvd Singapore \$/MMBtu	<b>FOLNB00</b>	<b>FOLNB03</b>	-	-	Delivered	Singapore	5-10 days	500	1,500	US\$	MMBtu	38.643
Bunker FO 380 CST Dlvd Singapore \$/MMBtu	<b>FOLNA00</b>	<b>FOLNA03</b>	-	-	Delivered	Singapore	5-10 days	500	1,500	US\$	MMBtu	37.742
Marine Diesel 0.5% Dlvd Japan	<b>POACI00</b>	<b>POACI03</b>	-	-	Delivered	Japan	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Diesel 0.5% Dlvd West Japan	<b>AARKA00</b>	<b>AARKA03</b>	-	-	Delivered	Japan	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Fujairah	<b>AARKH00</b>	<b>AARKH03</b>	-	-	Delivered	UAE	5-10 days	50	-	US\$	Metric Tons	7.45

**Asia and the Middle East**

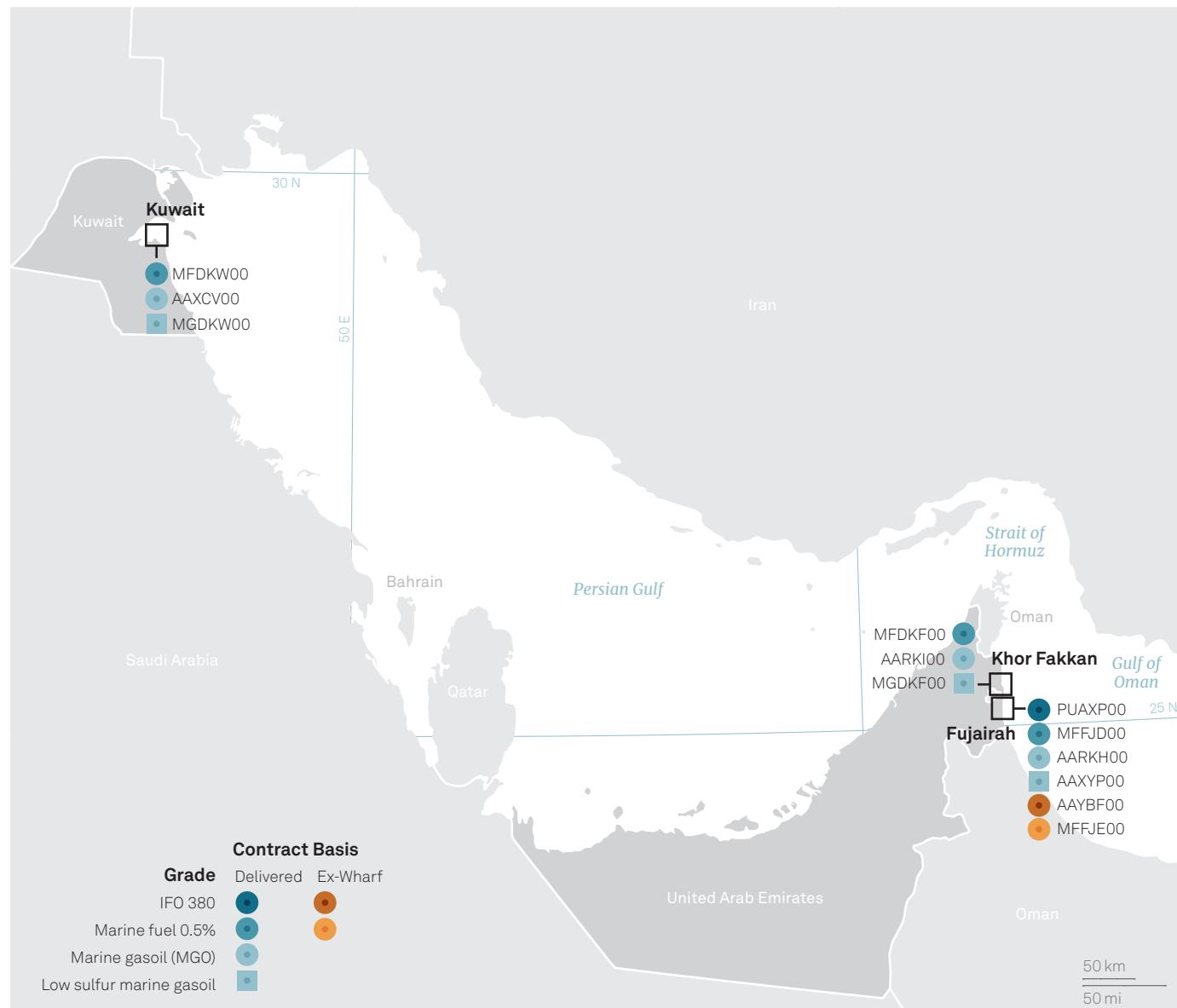
Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Min size	Max size	Currency	UOM	Conv
Marine Gasoil 0.5% Dlvd Khor Fakkan	<a href="#">AARKI00</a>	<a href="#">AARKI03</a>	-	-	Delivered	UAE	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Kuwait	<a href="#">AAXCV00</a>	<a href="#">AAXCV03</a>	-	-	Delivered	Kuwait	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Melbourne	<a href="#">AARK00</a>	<a href="#">AARKG03</a>	-	-	Delivered	Australia	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Mumbai	<a href="#">AASSI00</a>	<a href="#">AASSI03</a>	-	-	Delivered	India	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Shanghai	<a href="#">AARKE00</a>	<a href="#">AARKE03</a>	-	-	Delivered	China	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Singapore	<a href="#">AALMZ00</a>	<a href="#">AALNA00</a>	-	-	Delivered	Singapore	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd South Korea	<a href="#">AAVBN00</a>	<a href="#">AAVBN03</a>	-	-	Delivered	South Korea	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Busan	<a href="#">AARKJ00</a>	<a href="#">AARKJ03</a>	-	-	Delivered	South Korea	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Sydney	<a href="#">AARKF00</a>	<a href="#">AARKF03</a>	-	-	Delivered	Australia	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.5% Dlvd Colombo	<a href="#">AARKK00</a>	<a href="#">AARKK03</a>	-	-	Delivered	Sri Lanka	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Fujairah	<a href="#">AAXYP00</a>	<a href="#">AAXYP03</a>	-	-	Delivered	UAE	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Hong Kong	<a href="#">AAXYQ00</a>	<a href="#">AAXYQ03</a>	-	-	Delivered	Hong Kong	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Shanghai	<a href="#">AAXYR00</a>	<a href="#">AAXYR03</a>	-	-	Delivered	China	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Singapore	<a href="#">AAXY00</a>	<a href="#">AAXY03</a>	-	-	Delivered	Singapore	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd South Korea	<a href="#">AAXYS00</a>	<a href="#">AAXYS03</a>	-	-	Delivered	South Korea	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Zhoushan	<a href="#">MGZSD00</a>	<a href="#">MGZSD03</a>	-	-	Delivered	China	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Sydney	<a href="#">MGDSY00</a>	<a href="#">MGDSY03</a>	-	-	Delivered	Australia	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Melbourne	<a href="#">MGDMB00</a>	<a href="#">MGDMB03</a>	-	-	Delivered	Australia	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Mumbai	<a href="#">MGDMM00</a>	<a href="#">MGDMM03</a>	-	-	Delivered	India	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Colombo	<a href="#">MGDCL00</a>	<a href="#">MGDCL03</a>	-	-	Delivered	Sri Lanka	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Kuwait	<a href="#">MGDKW00</a>	<a href="#">MGDKW03</a>	-	-	Delivered	Kuwait	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Gasoil 0.1% Dlvd Khor Fakkan	<a href="#">MGDKF00</a>	<a href="#">MGDKF03</a>	-	-	Delivered	UAE	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Diesel Oil 0.1% Dlvd Japan	<a href="#">AAXYT00</a>	<a href="#">AAXYT03</a>	-	-	Delivered	Japan	5-10 days	50	-	US\$	Metric Tons	7.45
Marine Diesel Oil 0.1% Dlvd West Japan	<a href="#">AAXYU00</a>	<a href="#">AAXYU03</a>	-	-	Delivered	Japan	5-10 days	50	-	US\$	Metric Tons	7.45
MFO-180 0.5% Hualien/Suao Dlvd Spot CPC Taiwan	<a href="#">CB1AU00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
MFO-180 0.5% Kaohsiung Dlvd Spot CPC Taiwan	<a href="#">CB1AR00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
MFO-180 0.5% Keelung Dlvd Spot CPC Taiwan	<a href="#">CB1AT00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
MFO-180 0.5% Taichung Dlvd Spot CPC Taiwan	<a href="#">CB1AS00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
MFO-380 Kaohsiung Dlvd Spot CPC Taiwan	<a href="#">CB3AN00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
Marine Gasoil Hualien/Suao Dlvd Spot CPC Taiwan	<a href="#">CBGAN00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
Marine Gasoil Kaohsiung Dlvd Spot CPC Taiwan	<a href="#">CBGAP00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
Marine Gasoil Keelung Dlvd Spot CPC Taiwan	<a href="#">CBGAN00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-
Marine Gasoil Taichung Dlvd Spot CPC Taiwan	<a href="#">CBGAQ00</a>	-	-	-	Delivered	Taiwan	-	-	-	US\$	Metric Tons	-

## Asia and the Middle East

### Delivered bunker fuel

Platts assesses 380 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, Zhoushan and Hong Kong, and 500 CST delivered bunker fuel prices at Singapore. 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), West Japan, South Korea (Western and Southern ports), 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.



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

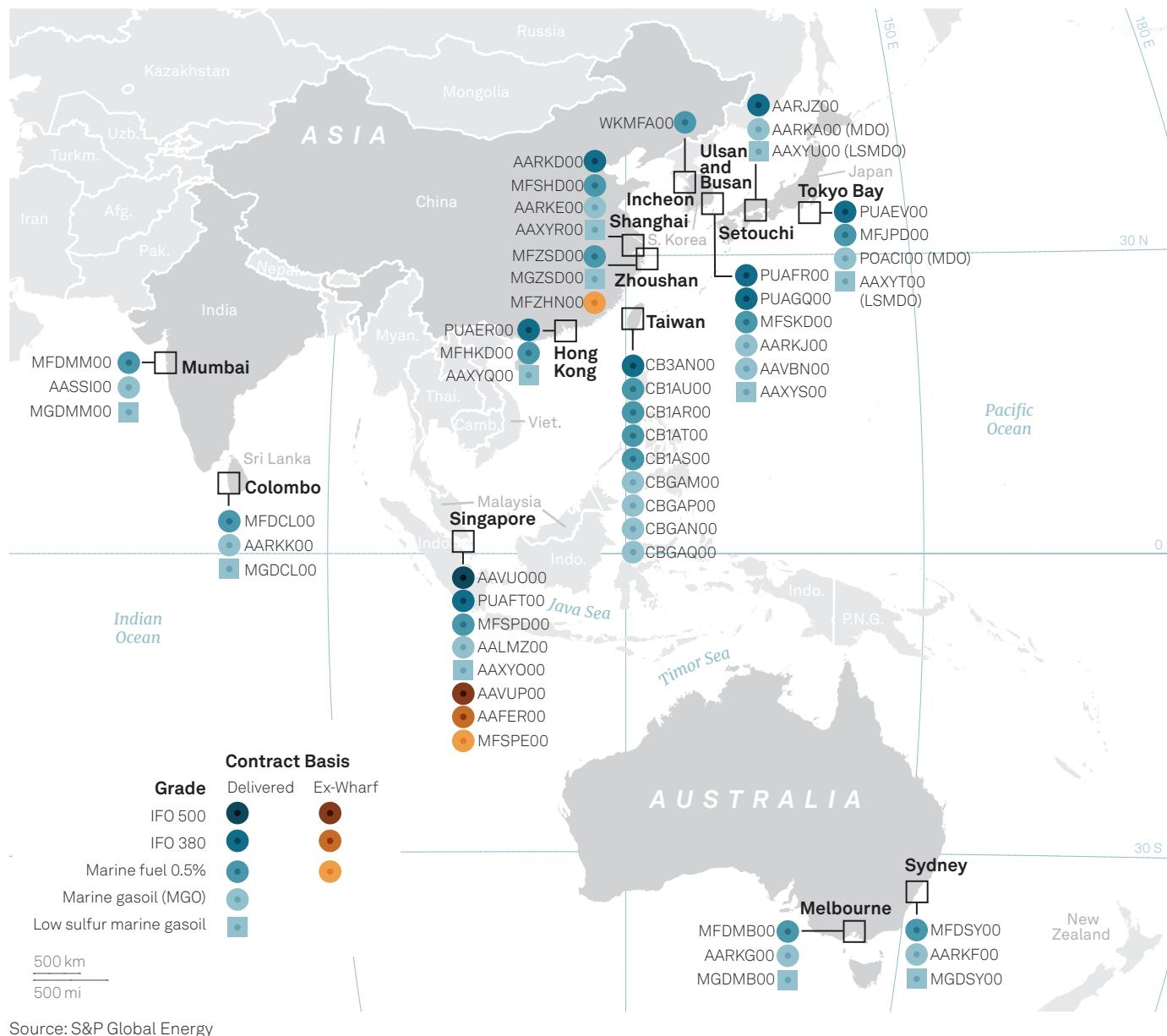
In Japan, bunker fuel assessments reflect activity in the Tokyo/Yokohama Bay area. The West Japan assessment reflects deliveries in Setouchi (includes Mizushima and Fukuyama ports), Kyushu (Oita port) and Hanshin areas (Kobe and Osaka ports). Activity in other ports is normalized to Setouchi after taking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

In South Korea, assessments reflect delivered bunker market activity at Busan and Ulsan for the southern ports, and at Incheon, Pyeongtaek, Daesan and Dangjin for the western ports.

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 Marine Fuel 0.5% bunker fuel 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. 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. Singapore ex-wharf 380 CST and Marine Fuel 0.5% sulfur bunker fuel assessments also reflect offers from Platts-approved floating storage units in its Market on Close assessment process.



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/in Tank Transfer (ITT) is also acceptable. Please see the Asia-Pacific Refined Products Specifications Guide for the list of approved FSUs available for nomination for Platts MOC deals for Singapore Bunkers done on an ex-wharf basis. 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 subject 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	<b>MFAGD00</b>	<b>MFAGD03</b>	-	-	Dlvd	Algeciras (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Durban	<b>MFDBD00</b>	<b>MFDBD03</b>	-	-	Dlvd	Durban (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Gibraltar	<b>MFGBD00</b>	<b>MFGBD03</b>	-	-	Dlvd	Gibraltar (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Malta	<b>MFMLD00</b>	<b>MFMLD03</b>	-	-	Dlvd	Malta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Piraeus	<b>MFPRD00</b>	<b>MFPRD03</b>	-	-	Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Rotterdam	<b>MFRDD00</b>	<b>MFRDD03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Antwerp	<b>MFDAN00</b>	<b>MFDAN03</b>	-	-	Dlvd	Antwerp (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Hamburg	<b>MFDHB00</b>	<b>MFDHB03</b>	-	-	Dlvd	Hamburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker St. Petersburg	<b>MFDPT00</b>	<b>MFDPT03</b>	-	-	Dlvd	St. Petersburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Gothenburg	<b>MFDGT00</b>	<b>MFDGT03</b>	-	-	Dlvd	Gothenburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Las Palmas/Tenerife	<b>MFDLP00</b>	<b>MFDLP03</b>	-	-	Dlvd	Las Palmas (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Novorossiisk	<b>MFDNV00</b>	<b>MFDNV03</b>	-	-	Dlvd	Novorossiisk (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Istanbul	<b>MFDIS00</b>	<b>MFDIS03</b>	-	-	Dlvd	Istanbul (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Lisbon	<b>MFLIS00</b>	<b>MFLIS03</b>	-	-	Dlvd	Lisbon (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Lome	<b>MFLOM00</b>	<b>MFLOM03</b>	-	-	Dlvd	Lome (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Augusta	<b>MFAUG00</b>	<b>MFAUG03</b>	-	-	Ex-Wharf	Augusta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Genoa	<b>MFGEN00</b>	<b>MFGEN03</b>	-	-	Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 500 CST 3.5% Rotterdam	<b>AAXRM00</b>	<b>AAXRM03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.23
Bunker FO 380 CST 3.5% Augusta	<b>PUAED00</b>	<b>PUAED03</b>	-	-	Ex-Wharf	Augusta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Dunkirk	<b>PUAEL00</b>	<b>PUAEL03</b>	-	-	Dlvd	Dunkirk (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% FrenchMed	<b>PUAE000</b>	<b>PUAE003</b>	-	-	Ex-Wharf	French Med (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Genoa	<b>PUAFD00</b>	<b>PUAFD03</b>	-	-	Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Algeciras	<b>PUAFA00</b>	<b>PUAFA03</b>	-	-	Dlvd	Algeciras (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Antwerp	<b>PUAEE00</b>	<b>PUAEE03</b>	-	-	Dlvd	Antwerp (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Ceuta	<b>PUAEG00</b>	<b>PUAEG03</b>	-	-	Ex-Wharf	Ceuta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Gothenburg	<b>AAVX00</b>	<b>AAVX03</b>	-	-	Dlvd	Gothenburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Hamburg	<b>PUAEQ00</b>	<b>PUAEQ03</b>	-	-	Dlvd	Hamburg (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Istanbul	<b>PUAET00</b>	<b>PUAET03</b>	-	-	Dlvd	Istanbul (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Las Palmas/Tenerife	<b>PUAFB00</b>	<b>PUAFB03</b>	-	-	Dlvd	Las Palmas/Tenerife (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Malta	<b>PUBFH00</b>	<b>PUBFH03</b>	-	-	Dlvd	Malta (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Novorosiisk	<b>AASHF00</b>	<b>AASHF03</b>	-	-	Dlvd	Novorosiisk (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Piraeus	<b>PUAFL00</b>	<b>PUAFL03</b>	-	-	Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Rotterdam	<b>PUAFN00</b>	<b>PUAFN03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% St Petersburg	<b>AAHSU00</b>	<b>AAHSV00</b>	-	-	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	<b>AAKAB00</b>	<b>AAKAC00</b>	-	-	Dlvd	Gibraltar (Med)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Offshore Nigeria	<b>PUAGU00</b>	<b>PUAGU03</b>	-	-	Dlvd	Offshore Nigeria (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Lome	<b>AAJJ00</b>	<b>AAJJ03</b>	-	-	Dlvd	Lome (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO 380 CST 3.5% Canary Islands	<b>AARKM00</b>	<b>AARKM03</b>	-	-	Dlvd	Canary Islands (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
Bunker FO LS 0.1% Rotterdam	<b>AARBF00</b>	<b>AARBF03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1000	US \$	MT	6.35
Bunker FO LS 0.1% St. Petersburg	<b>ALMPA00</b>	<b>ALMPA03</b>	-	-	Dlvd	St Petersburg (NWE)	1-8 days forward	-	-	US \$	MT	6.35
Bunker FO 180 CST 3.5% Durban	<b>PUAGX00</b>	<b>PUAGX03</b>	-	-	Dlvd	Durban (Africa)	1-8 days forward	300	1,000	US \$	MT	6.35
FO 380 CST Rdam	<b>PUAYW00</b>	<b>PUAYW03</b>	<b>AAUHE00</b>	<b>AAUHE03</b>	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	6.35
Marine Fuel 0.5% Bunker Dlvd Rotterdam Eur/MWh	<b>FOLND00</b>	<b>FOLND03</b>	-	-	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	<b>FOLNE00</b>	<b>FOLNE03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1000	Eur	MWh	11.322
Bunker FO 380 CST 3.5% Dlvd Rotterdam Eur/MWh	<b>FOLNC00</b>	<b>FOLNC03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	Eur	MWh	11.058
Marine Gasoil Istanbul	<b>POACF00</b>	<b>POACF03</b>	-	-	Dlvd	Istanbul (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Piraeus	<b>POADG00</b>	<b>POADG03</b>	-	-	Dlvd	Piraeus (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Algeciras	<b>AARSH00</b>	<b>AARSH03</b>	-	-	Dlvd	Algeciras (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Antwerp	<b>AARS100</b>	<b>AARS103</b>	-	-	Dlvd	Antwerp (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Ceuta	<b>AARSK00</b>	<b>AARSK03</b>	-	-	Ex-Wharf	Ceuta (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Gdansk	<b>AARSP00</b>	<b>AARSP03</b>	-	-	Dlvd	Gdansk (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Gibraltar	<b>AARSU00</b>	<b>AARSU03</b>	-	-	Dlvd	Gibraltar (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Gothenburg	<b>AAVWC00</b>	<b>AAVWC03</b>	-	-	Dlvd	Gothenburg (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Hamburg	<b>AARSZ00</b>	<b>AARSZ03</b>	-	-	Dlvd	Hamburg (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Las Palmas/Tenerife	<b>AARTB00</b>	<b>AARTB03</b>	-	-	Dlvd	Las Palmas/Tenerife (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Lisbon	<b>MGLB000</b>	<b>MGLB003</b>	-	-	Dlvd	Lisbon (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Malta	<b>PBADH00</b>	<b>PBADH03</b>	-	-	Dlvd	Malta (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Novorosiisk	<b>AASHG00</b>	<b>AASHG03</b>	-	-	Dlvd	Novorosiisk (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Rotterdam	<b>AARTG00</b>	<b>AARTG03</b>	-	-	Dlvd	Rotterdam (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil St Petersburg	<b>AARTJ00</b>	<b>AARTJ03</b>	-	-	Dlvd	St Petersburg (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Augusta	<b>PBABJ00</b>	<b>PBABJ03</b>	-	-	Ex-Wharf	Augusta (Med)	1-8 days forward	300	1,000	US \$	MT	7.45

**Europe and Africa**

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Typical min size	Typical max size	Currency	UOM	Conv
Marine Gasoil Dakar	<b>POABP00</b>	<b>POABP03</b>	-	-	Ex-Wharf	Dakar (West Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Dunkirk	<b>POABT00</b>	<b>POABT03</b>	-	-	Dlvd	Dunkirk (NWE)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil French Med	<b>POABX00</b>	<b>POABX03</b>	-	-	Ex-Wharf	French Med (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Genoa	<b>PBABK00</b>	<b>PBABK03</b>	-	-	Ex-Wharf	Genoa (Med)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Durban	<b>PUAGY00</b>	<b>PUAGY03</b>	-	-	Dlvd	Durban (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Lome	<b>AAJL00</b>	<b>AAJL03</b>	-	-	Dlvd	Lome (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Canary Islands	<b>PUAGW00</b>	<b>PUAGW03</b>	-	-	Dlvd	Canary Islands (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45
Marine Gasoil Offshore Nigeria	<b>AARKL00</b>	<b>AARKL03</b>	-	-	Dlvd	Offshore Nigeria (Africa)	1-8 days forward	300	1,000	US \$	MT	7.45

## Europe and Africa

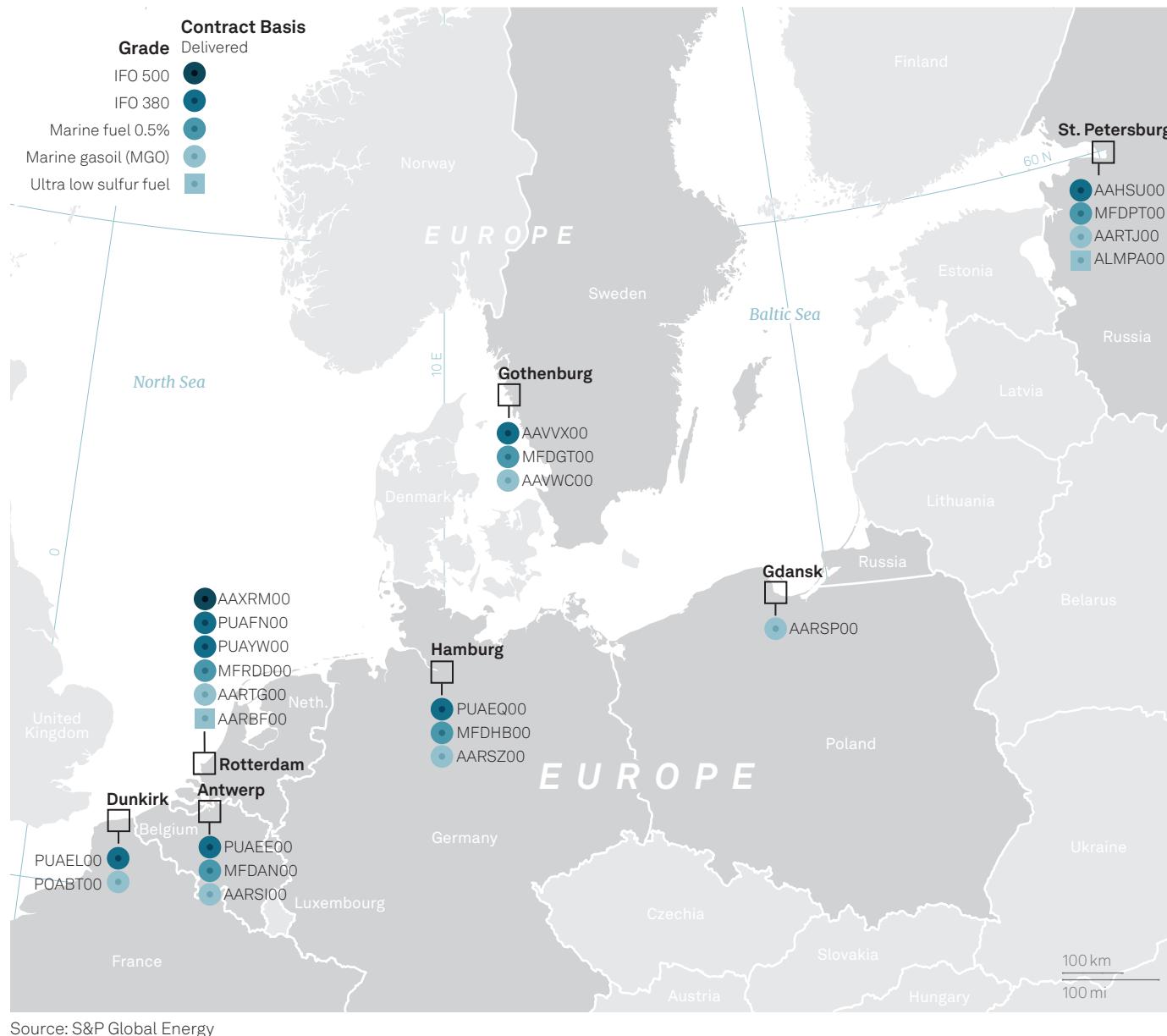
**Timing:** Platts bunker assessments in Europe reflect the market value at 16:30 London time, for bunker fuel supplied one to eight days forward from the date of publication. They do not represent an average of the day's trades. Confirmed trades, bids and offers reported throughout the day will be included 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.

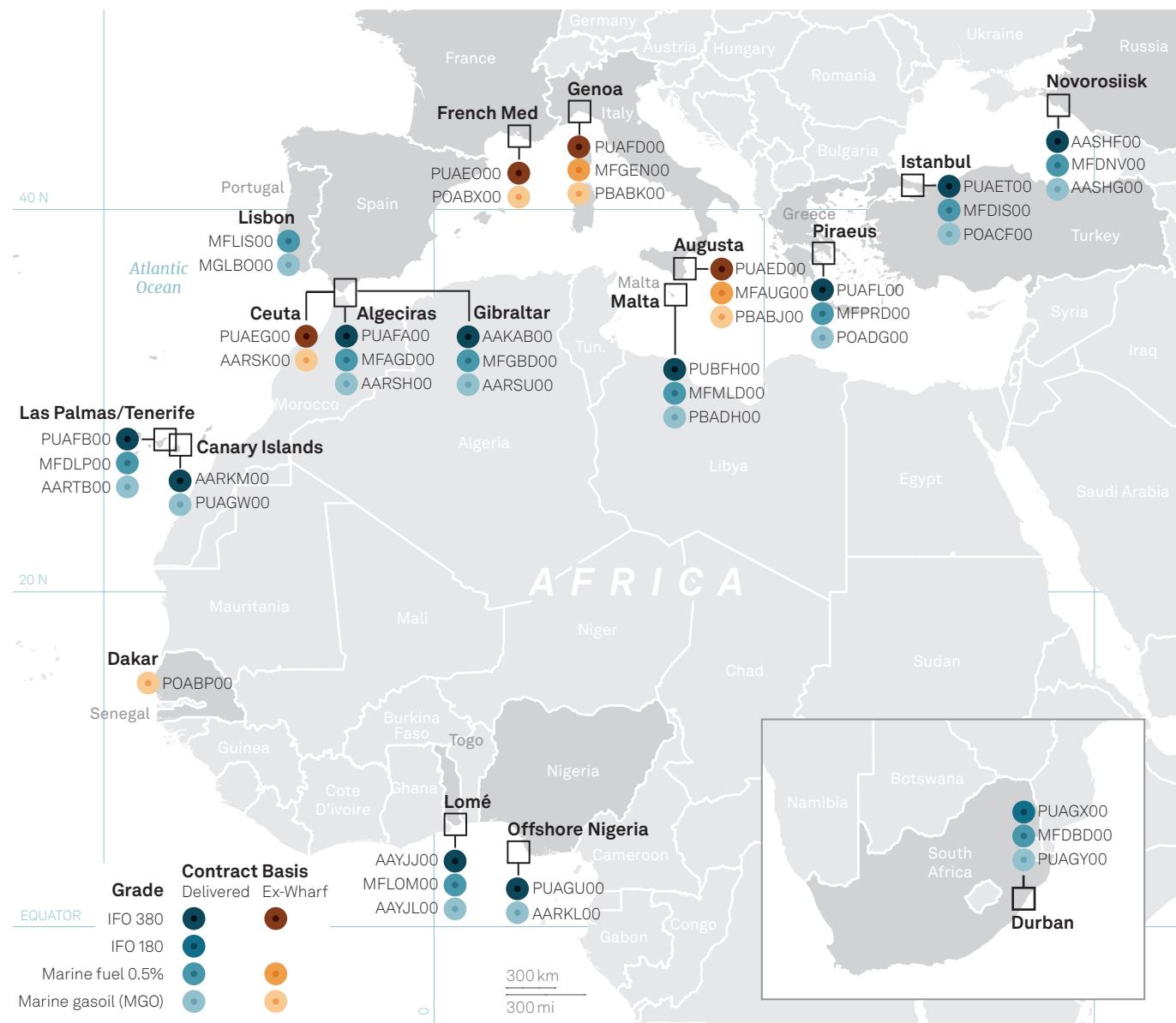
**Typical Parcel Size:** Typical sizes vary from port to port, but are generally between 300 to 1,000 mt. Sizes defined for specific assessments are typical, not minimums and maximums. However, trades reported for volumes outside typical ranges may be considered atypical when assessing standard tradable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

**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.

**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.

**IFO 180 CST:** Platts assesses Durban IFO 180 on a delivered basis. Specifications generally conform with that of RME 180 CST, ISO 8217:2010.

**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	<b>MFHOD00</b>	<b>MFHOD03</b>	Delivered	Houston	3-7 Days Forward	500	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Houston	<b>MFHOE00</b>	<b>MFHOE03</b>	Ex-wharf	Houston	3-7 Days Forward	500	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered New York	<b>MFNYD00</b>	<b>MFNYD03</b>	Delivered	New York	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf New York	<b>MFNYE00</b>	<b>MFNYE03</b>	Ex-wharf	New York	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Los Angeles	<b>MFLAD00</b>	<b>MFLAD03</b>	Delivered	Los Angeles	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Balboa	<b>MFBAE00</b>	<b>MFBAE03</b>	Ex-wharf	Balboa, Panama	3-10 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Cristobal	<b>ACBAL00</b>	<b>ACBAL03</b>	Ex-wharf	Cristobal, Panama	3-10 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Panama Canal	<b>APNMA00</b>	<b>APNMA03</b>	Ex-wharf	Panama Canal	3-10 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered New Orleans	<b>MFNOD00</b>	<b>MFNOD03</b>	Delivered	New Orleans	3-7 Days Forward	500	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf New Orleans	<b>MFNOE00</b>	<b>MFNOE03</b>	Ex-wharf	New Orleans	3-7 Days Forward	500	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Philadelphia	<b>MFPAD00</b>	<b>MFPAD03</b>	Delivered	Philadelphia	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Philadelphia	<b>MFPAE00</b>	<b>MFPAE03</b>	Ex-wharf	Philadelphia	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Seattle	<b>MFSED00</b>	<b>MFSED03</b>	Delivered	Seattle	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Seattle	<b>MFSEE00</b>	<b>MFSEE03</b>	Ex-wharf	Seattle	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Vancouver	<b>MFVAD00</b>	<b>MFVAD03</b>	Delivered	Vancouver	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Ex-Wharf Vancouver	<b>MFVAE00</b>	<b>MFVAE03</b>	Ex-wharf	Vancouver	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered Montreal	<b>AMFM000</b>	<b>AMFM003</b>	Delivered	Montreal	3-7 Days Forward	100	600	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Ex-Wharf Montreal	<b>AMFMN00</b>	<b>AMFMN03</b>	Ex-wharf	Montreal	3-7 Days Forward	100	600	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered San Francisco	<b>AMFSF00</b>	<b>AMFSF03</b>	Delivered	San Francisco	3-10 Days Forward	250	750	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Ex-Wharf San Francisco	<b>AMFSN00</b>	<b>AMFSN03</b>	Ex-wharf	San Francisco	3-10 Days Forward	500	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Buenos Aires	<b>MFBAD00</b>	<b>MFBAD03</b>	Delivered	Buenos Aires, Argentina	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Cartagena	<b>MFCRD00</b>	<b>MFCRD03</b>	Delivered	Cartagena, Colombia	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Santos	<b>MFSAD00</b>	<b>MFSAD03</b>	Delivered	Santos, Brazil	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunker Delivered Valparaiso	<b>AMFVA00</b>	<b>AMFVA03</b>	Delivered	Valparaiso, Chile	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered El Callao	<b>AMFCA00</b>	<b>AMFCA03</b>	Delivered	El Callao, Peru	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered Guayaquil	<b>AMFGY00</b>	<b>AMFGY03</b>	Delivered	Guayaquil, Ecuador	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered La Libertad	<b>AMFLB00</b>	<b>AMFLB03</b>	Delivered	La Libertad, Ecuador	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Marine Fuel 0.5% Bunkers Delivered Montevideo	<b>AMFMT00</b>	<b>AMFMT03</b>	Delivered	Montevideo, Uruguay	3-7 Days Forward	250	1500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Balboa	<b>PUBAD00</b>	<b>PUBAD03</b>	Ex-wharf	Balboa, Panama	3-10 Days Forward	500	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Cartagena	<b>AAJOA00</b>	<b>AAJOB00</b>	Delivered	Cartagena, Colombia	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Charleston	<b>AAMNV00</b>	<b>AAMNW00</b>	Delivered	Charleston, SC	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Charleston	<b>AAMOE00</b>	<b>AAMOF00</b>	Ex-wharf	Charleston, SC	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Cristobal	<b>PUAEF00</b>	<b>PUAEF03</b>	Ex-wharf	Cristobal, Panama	3-10 Days Forward	500	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Guayaquil	<b>AAJOC00</b>	<b>AAJOD00</b>	Delivered	Guayaquil, Ecuador	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Houston	<b>AAGPD00</b>	<b>AAGPE00</b>	Delivered	Houston	3-7 Days Forward	500	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Houston	<b>PUAES00</b>	<b>AAGPF00</b>	Ex-wharf	Houston	3-7 Days Forward	500	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered La Libertad	<b>PUAYT00</b>	<b>PUAYT03</b>	Delivered	La Libertad, Ecuador	3-7 Days Forward	250	1,500	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Los Angeles	<b>AAGPM00</b>	<b>AAGPN00</b>	Delivered	Los Angeles	3-10 Days Forward	250	750	-	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 Los Angeles	PBAAP00	AAGP00	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	100	600	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Montreal	PUAFE00	AAGPX00	Ex-wharf	Montreal	3-7 Days Forward	100	600	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered New Orleans	AAGQE00	AAGQF00	Delivered	New Orleans	3-7 Days Forward	500	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf New Orleans	PUAFH00	AAGQG00	Ex-wharf	New Orleans	3-7 Days Forward	500	750	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered New York	AAGQN00	AAGQO00	Delivered	New York	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf New York	PUAFI00	AAGQP00	Ex-wharf	New York	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Bunker FO 500 CST 3.5% Delivered New York	AACNY00	AACNY03	Delivered	New York	3-7 Days Forward	500	1000	-	US\$	MT	6.23
Bunker FO 500 CST 3.5% Ex-wharf New York	AABNY00	AABNY03	Ex-wharf	New York	3-7 Days Forward	500	1000	-	US\$	MT	6.23
Bunker FO 380 CST 3.5% Delivered Norfolk	AAGQW00	AAGQX00	Delivered	Norfolk	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Norfolk	PUAFG00	AAGGY00	Ex-wharf	Norfolk	3-7 Days Forward	500	1000	-	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	1,000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Philadelphia	AAGRF00	AAGRQ00	Delivered	Philadelphia	3-7 Days Forward	500	1000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Ex-Wharf Philadelphia	PUAFJ00	AAGRH00	Ex-wharf	Philadelphia	3-7 Days Forward	500	1000	-	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	500	1000	-	US\$	MT	6.35
Bunker FO 380 CST 3.5% Delivered Seattle	AAGS00	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	75	225	-	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	AAWWV00	AAWWV03	Delivered	Charleston, SC	3-7 Days Forward	100	400	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Charleston	AAWYP00	AAWYP03	Ex-wharf	Charleston, SC	3-7 Days Forward	100	400	150	US\$	MT	7.45
Marine Gasoil Ex-Wharf Cristobal	POABJ00	POABJ03	Ex-wharf	Cristobal, Panama	3-10 Days Forward	75	225	-	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	AAWXW00	AAWXW03	Delivered	Houston	3-7 Days Forward	75	225	-	US\$	MT	7.45
Marine Gasoil Ex-Wharf Houston	AAWYQ00	AAWYQ03	Ex-wharf	Houston	3-7 Days Forward	75	225	-	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	AAWWY00	AAWWY03	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	AAWWZ00	AAWWZ03	Delivered	Montreal	3-7 Days Forward	100	600	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Montreal	AAWYS00	AAWYS03	Ex-wharf	Montreal	3-7 Days Forward	100	600	150	US\$	MT	7.45

**Americas**

Assessment	Code	Mavg	Contract basis	Location	Delivery period	Min size	Max size	Typical size	Currency	UOM	Conv
Marine Gasoil Delivered New Orleans	AAWYA00	AAWYA03	Delivered	New Orleans	3-7 Days Forward	75	225	-	US\$	MT	7.45
Marine Gasoil Ex-Wharf New Orleans	AAWYT00	AAWYT03	Ex-wharf	New Orleans	3-7 Days Forward	75	225	-	US\$	MT	7.45
Marine Gasoil Delivered New York	AAWYB00	AAWYB03	Delivered	New York	3-7 Days Forward	100	400	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf New York	AAWYU00	AAWYU03	Ex-wharf	New York	3-7 Days Forward	100	400	150	US\$	MT	7.45
Marine Gasoil Delivered Norfolk	AAWYC00	AAWYC03	Delivered	Norfolk	3-7 Days Forward	100	400	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Norfolk	AAWYV00	AAWYV03	Ex-wharf	Norfolk	3-7 Days Forward	100	400	150	US\$	MT	7.45
Marine Gasoil Ex-Wharf Panama Canal	AAXWI00	AAXWI03	Ex-wharf	Panama Canal	3-10 Days Forward	75	225	-	US\$	MT	7.45
Marine Gasoil Delivered Philadelphia	AAWYD00	AAWYD03	Delivered	Philadelphia	3-7 Days Forward	100	400	75	US\$	MT	7.45
Marine Gasoil Ex-Wharf Philadelphia	AAWYW00	AAWYW03	Ex-wharf	Philadelphia	3-7 Days Forward	100	400	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
Marine Gasoil Ex-Wharf Savannah	AAWZF00	AAWZF03	Ex-wharf	Savannah	3-7 Days Forward	100	400	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 trucking 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	-

## Americas assessments

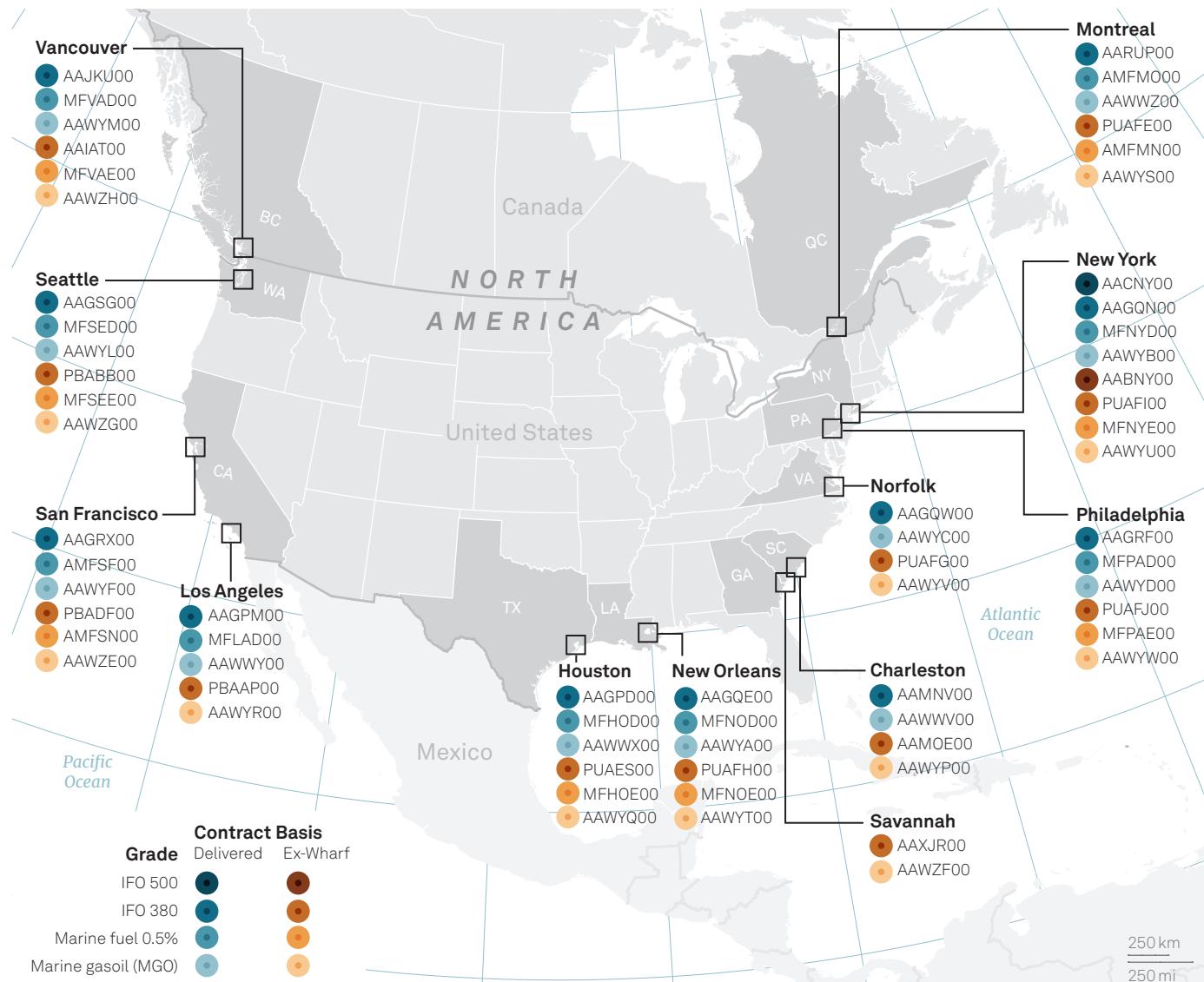
**Timing:** Platts bunker fuel assessments in the Americas reflect deliveries three to seven days after the date of publication for ports in the US Gulf Coast, the North America Atlantic Coast, and Latin America, excluding Panama. For ports on the North America West Coast and in Panama the range is three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

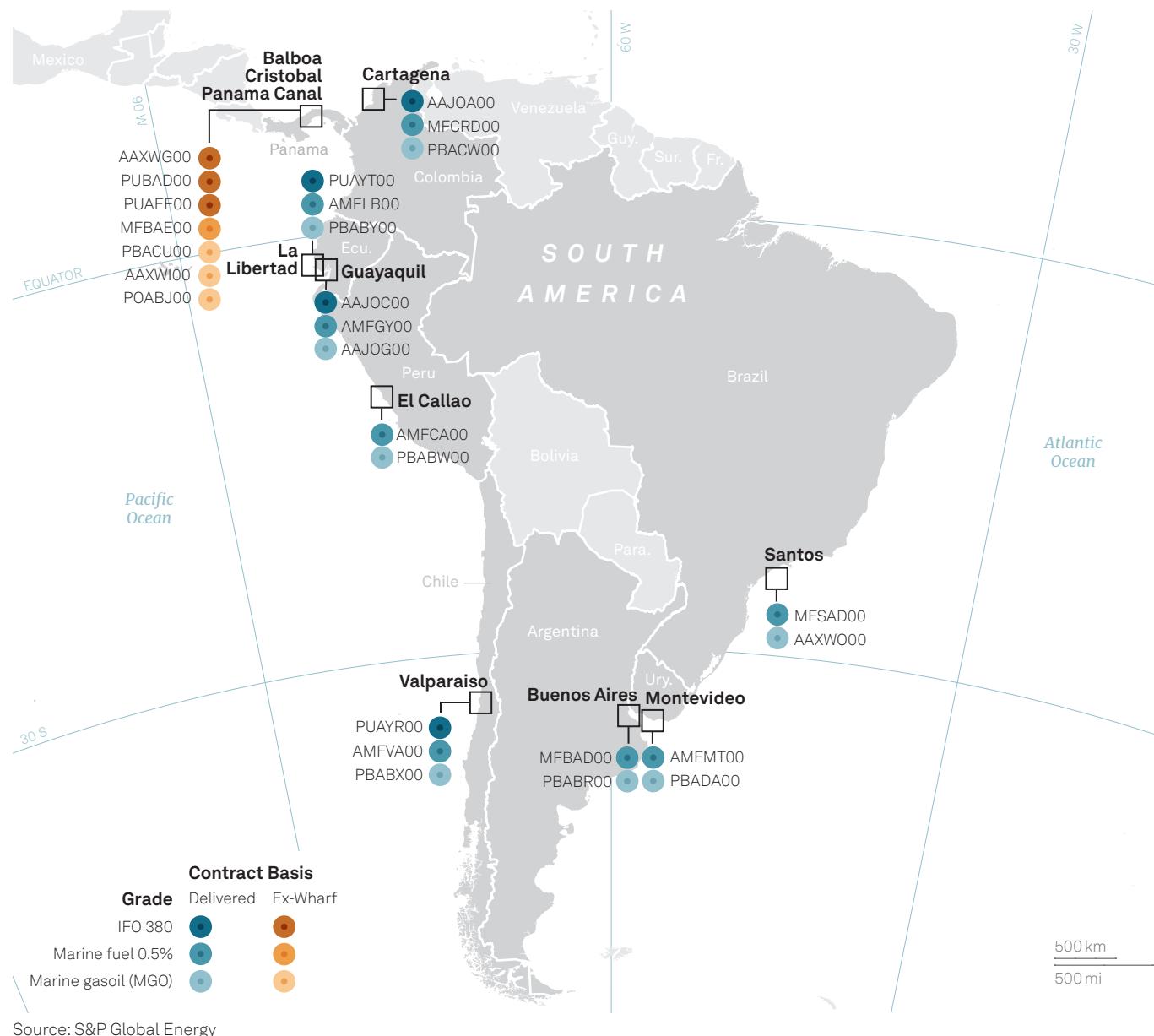
**Size:** Bunker fuel volumes vary by region, product and delivery basis. For IFO 380 CST, IFO 500 CST and Marine Fuel 0.5% bunker fuel, volumes are defined in a minimum-maximum range. For example, the minimum size for ex-wharf IFO 380 CST bunker fuel in US Gulf Coast ports is 500 mt while the maximum size is 750 mt. Most Marine Gasoil assessments reflect typical volumes, while others have specific minimum-maximum ranges. Trades reported for volumes outside of typical volumes may be considered atypical when assessing standard tradable volumes and may be subject to normalization.

**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 & logistics 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, Marine Fuel 0.5% bunker fuel and Marine Gasoil.





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

**Panama Canal:** Platts assesses IFO 380 CST, Marine Fuel 0.5% bunker fuel and Marine Gasoil 0.1% on an ex-wharf basis in the Panamanian ports of Balboa and Cristobal and basis Panama Canal. 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.

## Bunker fuel by calorific value

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Typical min size	Typical max size	Currency	UOM	Conv
<b>Platts Europe Bunkers Daily Cost Comparison by Calorific Value</b>												
LNG Bunker Rotterdam Calorific Value	<b>CVLNR00</b>	-	-	-	Dlvd	Rotterdam (NWE)				US \$	GJ	-
Marine Fuel 0.5% Dlvd Rotterdam Calorific Value	<b>CVMFR00</b>	-	-	-	Dlvd	Rotterdam (NWE)				US \$	GJ	-
Marine Gasoil 0.1% Dlvd Rotterdam Calorific Value	<b>CVMGR00</b>	-	-	-	Dlvd	Rotterdam (NWE)				US \$	GJ	-
Methanol Bunker Rotterdam Calorific Value	<b>CVMLR00</b>	-	-	-	Dlvd	Rotterdam (NWE)				US \$	GJ	-
<b>Platts Asia Bunkers Daily Cost Comparison by Calorific Value</b>												
LNG Bunker Singapore Calorific Value	<b>CVLNS00</b>	-	-	-	Delivered	Singapore	-	-	-	US\$	GJ	-
Marine Fuel 0.5% Dlvd Singapore Calorific Value	<b>CVMFS00</b>	-	-	-	Delivered	Singapore	-	-	-	US\$	GJ	-
Marine Gasoil 0.1% Dlvd Singapore Calorific Value	<b>CVMGS00</b>	-	-	-	Delivered	Singapore	-	-	-	US\$	GJ	-
Methanol Bunker Singapore Calorific Value	<b>CVMLS00</b>	-	-	-	Delivered	Singapore	-	-	-	US\$	GJ	-

## Global Bunkers by Calorific Value

Platts Europe and Asia Bunkers Daily price by Calorific Value (CV) calculations are published daily in \$/GJ. The daily price comparisons for bunker fuels and alternative marine fuels, reflecting the calorific value of methanol bunker fuel, LNG bunker fuel, marine fuel oil and marine gasoil. The calculations use the following conversion factors:

**Methanol:** 17.028 GJ/m<sup>3</sup> and 0.792 mt/m<sup>3</sup>

**LNG:** 1.055056 GJ/MMBtu

**Marine fuel oil:** 40.631 GJ/m<sup>3</sup> and 0.991 mt/m<sup>3</sup>

**Marine gasoil:** 42 GJ/m<sup>3</sup> and 0.94 mt/m<sup>3</sup>

The CV spot formulas are as follows:

LNG Bunkers \$/GJ = [LNG bunker fuel in \$MMBtu] /1.055056

Marine Fuel oil 0.5% \$/GJ = [Marine fuel oil]\* 0.991/40.631

Marine Gasoil 0.1% \$/GJ = [Marine gasoil]\* 0.94/42

Methanol Bunker \$/GJ = [Methanol bunker fuel]\* 0.792/17.028

**Global biobunker**

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Typical min size	Typical max size	Currency	UOM	Conv
<b>Platts Europe Biobunkers</b>												
Bio-Bunkers B30 Rotterdam UCOME	<b>ABKRA00</b>	<b>ABKRA03</b>	-	-	Delivered	Rotterdam (NWE)	5-15 days forward	200	1,000	US \$	MT	-
Biobunker B30 UCOME Premium	<b>ABKRE00</b>	<b>ABKRE03</b>			Delivered	Rotterdam (NWE)	5-15 days forward	200	1,000	US \$	MT	-
<b>Platts Asia Biobunkers</b>												
B24 Biobunkers LSFO Singapore Outright Price	<b>LSF0000</b>	<b>LSF0003</b>		<b>LSF0004</b>	Delivered	Singapore	10-20 days	500	1500	US\$	Metric Tons	-
B24 Biobunkers LSFO Singapore Premium	<b>LSF0B00</b>	<b>LSF0B03</b>		<b>LSF0B04</b>	Delivered	Singapore	10-20 days	500	1500	US\$	Metric Tons	-
B24 Biobunkers HSFO Singapore Outright Price	<b>HSF0000</b>	<b>HSF0003</b>		<b>HSF0004</b>	Delivered	Singapore	10-20 days	1000	2000	US\$	Metric Tons	
B24 Biobunkers HSFO Singapore Premium	<b>HSF0B00</b>	<b>HSF0B03</b>		<b>HSF0B04</b>	Delivered	Singapore	10-20 days	1000	2000	US\$	Metric Tons	
B30 Biobunkers LSFO Singapore Outright Price	<b>LSF0S00</b>	<b>LSF0S03</b>		<b>LSF0S04</b>	Delivered	Singapore	10-20 days	500	1500	US\$	Metric Tons	
B30 Biobunkers LSFO Singapore Premium	<b>LSF0P00</b>	<b>LSF0P03</b>		<b>LSF0P04</b>	Delivered	Singapore	10-20 days	500	1500	US\$	Metric Tons	
B30 Biobunkers HSFO Singapore Outright Price	<b>HSF0S00</b>	<b>HSF0S03</b>		<b>HSF0S04</b>	Delivered	Singapore	10-20 days	1000	2000	US\$	Metric Tons	
B30 Biobunkers HSFO Singapore Premium	<b>HSF0P00</b>	<b>HSF0P03</b>		<b>HSF0P04</b>	Delivered	Singapore	10-20 days	1000	2000	US\$	Metric Tons	

**Global biobunkers****Platts Biobunkers Singapore**

Daily B24 and B30 Biobunkers LSFO and HSFO Singapore assessments are based on the latest information sourced from the market up to the close of the assessment window at 17:30 Singapore time.

Platts publishes the prices of Singapore low sulfur fuel oil biobunkers as a differential to Platts Marine Fuel 0.5% Singapore (AMFSA00) and as an outright price. Prices of Singapore high sulfur fuel oil biobunkers are published as a differential to Platts FO 380 CST 3.5%S (PPXDK00) and as an outright price.

**Basis and Location:** Delivered Singapore

**Unit:** Assessment is published in \$/mt

**Timing:** The assessment reflects a 10-20 days forward delivery period

**Volume:**

**B24 and B30 LSFO biobunker:** 500 to 1500 mt

**B24 and B30 HSFO biobunker:** 1000 to 2000 mt

**Specification:** The B24 and B30 biobunker assessments reflect marine fuel blends of maximum 24% and 30% biodiesel with low sulfur or high sulfur fuel oil. Biobunkers stems must adhere to a proof of sustainability obtained in the framework of voluntary schemes approved by the EU Commission, such as ISCC or RSB. Biobunkers stems considered for inclusion in the assessments should specify a minimum of 84% GHG savings as per RED. Platts will not consider biobunkers that use palm oil methyl ester as a biocomponent. The assessments reflect standards

set in the document ISO 8217:2017 specifications of marine fuels, as well as standards set by Singapore's Maritime Port Authority on specifications of marine biofuels (TR 140:2025). Platts recognizes the new ISO 8217:2024 specifications of marine fuels and will consider indications using this standard within the assessment.

**Bio-Bunkers B30 Rotterdam UCOME**

This daily assessment is based on the latest information sourced from the market up until 16:30 London time.

Platts publishes assessments for Rotterdam biobunkers as a differential to Platts FOB Rotterdam Marine Fuel 0.5% Barge assessment (PUMFD00) and as an outright price.

**Basis and Location:** Delivered Rotterdam

**Unit:** Assessment is published in \$/mt

**Timing:** The assessment reflects a 5-15 days forward delivery period

**Volume:** 200 to 1000 mt

**Specification:** The assessment reflects marine fuel blends of maximum 30% biodiesel with very low sulfur fuel oil, conforming to ISO 8217 and EN 14214 for the fuel oil and bio

stems, respectively. The assessment reflects stems with a minimum of 84% GHG savings for the biofuel component, which is equivalent to the default emissions value of 14.9 gCO<sub>2</sub>eq/M J against the 94 gCO<sub>2</sub>eq/MJ comparator, under the EU Renewable Energy Directive (RED). Biobunker stems must adhere to a proof of sustainability obtained in the framework of voluntary schemes approved by the EU Commission.

## Platts FuelEU Maritime CO2 Abatement assessments

Assessment	Code	Mavg	Pavg	Wavg	Contract basis	Location	Delivery period	Typical min size	Typical max size	Currency	UOM	Conv
<b>Platts FuelEU Maritime CO2 Abatement Assessments</b>												
FuelEU CO2 abatement B30 Rotterdam (VLSFO)	<b>MGVL00</b>	<b>MGVL03</b>	-	-	Dlvd	Rotterdam (NWE)	-	-	-	US \$	MTCO2e	-
FuelEU CO2 abatement UCOME Rotterdam (MGO)	<b>MGVLA00</b>	<b>MGVLA03</b>	-	-	Dlvd	Rotterdam (NWE)	-	-	-	US \$	MTCO2e	-
FuelEU CO2 abatement UCOME Rotterdam (VLSFO)	<b>MGVLB00</b>	<b>MGVLB03</b>	-	-	Dlvd	Rotterdam (NWE)	-	-	-	US \$	MTCO2e	-
FuelEU CO2 abatement B30 Rotterdam (VLSFO) EU ETS exclusive	<b>MGAMC00</b>	<b>MGAMC03</b>	-	-	Dlvd	Rotterdam (NWE)	-	-	-	US \$	MTCO2e	-
FuelEU CO2 abatement UCOME Rotterdam (MGO) EU ETS exclusive	<b>MGAMA00</b>	<b>MGAMA03</b>	-	-	Dlvd	Rotterdam (NWE)	-	-	-	US \$	MTCO2e	-
FuelEU CO2 abatement UCOME Rotterdam (VLSFO) EU ETS exclusive	<b>MGAMB00</b>	<b>MGAMB03</b>	-	-	Dlvd	Rotterdam (NWE)	-	-	-	US \$	MTCO2e	-
FuelEU CO2 abatement B24 Singapore (VLSFO)	<b>MGVLF00</b>	<b>MGVLF03</b>	-	-	Dlvd	Singapore	-	-	-	US \$	MTCO2e	-

## FuelEU Maritime CO2 Abatement assessments

Platts FuelEU maritime CO2 abatement assessments are daily, calculated assessments that reflect the cost of CO2 emission abatement by combusting biodiesel or biobunker blends instead of conventional fossil-based bunker fuels, in line with FuelEU maritime regulation. The calculated assessments also include the costs associated with complying with shipping's inclusion into the European Union Emissions Trading Scheme, EU ETS, unless otherwise specified.

The CO2 abatement assessments are expressed in terms of \$/mtCO2e, with costs calculated using Platts bunker fuel assessments. The calorific values and emission factors for

Tank- and Well-to-Wake emissions are calculated in accordance with REGULATION (EU) 2023/1805 OF THE EUROPEAN PARLIAMENT, part of Europe's Fit for 55 package.

For those assessments utilizing UCOME or a UCOME-based biofuel blend, the default well-to-wake emissions value for the UCOME component is 14.9 gCO2eq/MJ as per the EU Renewable Energy Directive (RED).

The abatement assessments for ports within the EU/EEA reflect intra-EU voyages and 100% of emissions, while assessments for ports outside the EU/EEA reflect voyages with one leg in the EU/EEA and 50% of emissions. For assessments including EU ETS costs, EU ETS costs are calculated using

Platts daily EUA price assessments (EADLP00) which are multiplied by the Tank-to-Wake emissions factors of the fuels, and factoring in the phase-in co-efficient of the current year. Under EU ETS, biofuels certified under RED have an emissions factor of zero.

Assessments reflect the abatement of all greenhouse gas emissions included in the FuelEU and EU ETS regulations of the current year. For example, assessments published in 2025 will reflect carbon dioxide emissions, nitrous oxide and methane for Well-to-Wake emissions factors under FuelEU maritime but only carbon dioxide under EU ETS. Assessments from 2026 will also include Nitrous Oxides and Methane for Tank-to-Wake emissions calculations relating to EU ETS costs.

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Abidjan	<b>MGO</b>	Ex-Wharf	LGI1200	LGI1203	Ivory Coast	Africa	API
Abidjan	<b>Marine Fuel 0.5%</b>	Ex-Wharf	BFABJ04	BFABJ03	Ivory Coast	Africa	API
Accra	<b>MGO</b>	Delivered	MGACC00	MGACC03	Ghana	Africa	API
Accra	<b>Marine Fuel 0.5%</b>	Delivered	MFACR00	MFACR03	Ghana		
Aktau	<b>MGO</b>	Delivered	MG42700	MG42703		Mediterranean & Black Sea	API
Algeciras	<b>IFO380</b>	Delivered	PUAFA00	PUAFA03	Spain	Mediterranean & Black Sea	Assessment
Algeciras	<b>LSMGO</b>	Delivered	AARSH00	AARSH03		Mediterranean & Black Sea	Assessment
Algeciras	<b>Marine Fuel 0.5%</b>	Delivered	MFAGD00	MFAGD03	Spain	Mediterranean & Black Sea	Assessment
Algiers	<b>LSMGO</b>	Ex-Wharf	LGZAL00	LGZAL03	Algeria	Mediterranean & Black Sea	API
Algiers	<b>MGO</b>	Ex-Wharf	MGZAL00	MGZAL03	Algeria	Mediterranean & Black Sea	API
Algiers	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFALR00	MFALR03	Algeria	Mediterranean & Black Sea	API
Alpha Zone	<b>MGO</b>	Delivered	MG01500	MG01503	Uruguay	South America Atlantic	API
Amsterdam	<b>IFO380</b>	Delivered	B3AMS00	B3AMS03	Netherlands	North & West Europe	API
Amsterdam	<b>LSMGO</b>	Delivered	LGAMS00	LGAMS03	Netherlands	North & West Europe	API
Amsterdam	<b>MGO</b>	Delivered	MGAMS00	MGAMS03	Netherlands	North & West Europe	API
Amsterdam	<b>ULSFO</b>	Delivered	UFAMS00	UFAMS03	Netherlands	North & West Europe	API
Amsterdam	<b>Marine Fuel 0.5%</b>	Delivered	MFAMS00	MFAMS03	Netherlands	North & West Europe	API
Amuay Bay	<b>IFO380</b>	Delivered	B3AMY00	B3AMY03	Venezuela	US Gulf & Caribbean	API
Amuay Bay	<b>MGO</b>	Delivered	MGAMY00	MGAMY03	Venezuela	US Gulf & Caribbean	API
Angra dos Reis	<b>MGO</b>	Delivered	MGADR00	MGADR03	Brazil	South America Atlantic	API
Angra dos Reis	<b>Marine Fuel 0.5%</b>	Delivered	MFADR00	MFADR03	Brazil	South America Atlantic	API
Annaba	<b>LSMGO</b>	Delivered	LGAAE00	LGAAE03	Algeria	Mediterranean & Black Sea	API
Annaba	<b>MGO</b>	Delivered	MGAAE00	MGAAE03	Algeria	Mediterranean & Black Sea	API
Antofagasta	<b>LSMGO</b>	Delivered	LGANF00	LGANF03	Chile	South America Pacific	API
Antwerp	<b>IFO380</b>	Delivered	PUAEE00	PUAEE03	Belgium	North & West Europe	Assessment
Antwerp	<b>LSMGO</b>	Delivered	AARS100	AARS103	Belgium	North & West Europe	Assessment
Antwerp	<b>Marine Fuel 0.5%</b>	Delivered	MFDAN00	MFDAN03	Belgium	North	Assessment
Arica	<b>LSMGO</b>	Delivered	LGARI00	LGARI03	Chile	South America Pacific	API
Arzew	<b>LSMGO</b>	Ex-Wharf	LGAZW00	LGAZW03	Algeria	Mediterranean & Black Sea	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Arzew	<b>MGO</b>	Ex-Wharf	MGAZW00	MGAZW03	Algeria	Mediterranean & Black Sea	API
Arzew	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFARZ00	MFARZ03	Algeria	Mediterranean & Black Sea	API
Astrakhan	<b>MGO</b>	Delivered	MGASF00	MGASF03	Russia	Mediterranean & Black Sea	API
Astrakhan	<b>Marine Fuel 0.5%</b>	Delivered	MFAST00	MFAST03	Russia	Mediterranean & Black Sea	API
Auckland	<b>IFO380</b>	Delivered	B3AKL00	B3AKL03	New Zealand	Pacific	API
Auckland	<b>LSMGO</b>	Delivered	LGAKL00	LGAKL03	New Zealand	Pacific	API
Auckland	<b>MGO</b>	Delivered	MGAKL00	MGAKL03	New Zealand	Pacific	API
Auckland	<b>Marine Fuel 0.5%</b>	Delivered	BFAKL04	BFAKL03	New Zealand	Pacific	API
Augusta	<b>IFO380</b>	Ex-Wharf	PUAED00	PUAED03	Italy	Mediterranean & Black Sea	Assessment
Augusta	<b>LSMGO</b>	Ex-Wharf	PBABJ00	PBABJ03	Italy	Mediterranean & Black Sea	Assessment
Augusta	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFAUG00	MFAUG03	Italy	Mediterranean & Black Sea	Assessment
Bahia Blanca	<b>LSMGO</b>	Delivered	LGBHI00	LGBHI03	Argentina	South America Atlantic	API
Bahia Blanca	<b>MGO</b>	Delivered	MGBHI00	MGBHI03	Argentina	South America Atlantic	API
Bahia Blanca	<b>Marine Fuel 0.5%</b>	Delivered	MFBHB00	MFBHB03	Argentina	South America Atlantic	API
Baku	<b>MGO</b>	Delivered	MGBAK00	MGBAK03	Azerbaijan	Mediterranean & Black Sea	API
Baku	<b>Marine Fuel 0.5%</b>	Delivered	MFBKU00	MFBKU03	Azerbaijan	Mediterranean & Black Sea	API
Balboa	<b>IFO380</b>	Ex-Wharf	PUBAD00	PUBAD03	Panama	US Gulf & Caribbean	Assessment
Balboa	<b>LSMGO</b>	Ex-Wharf	PBACU00	PBACU03	Panama	US Gulf & Caribbean	Assessment
Balboa	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFBAE00	MFBAE03	Panama	US Gulf & Caribbean	Assessment
Balikpapan	<b>LSMGO B35 0.05%</b>	Delivered	AMFHF00	AMFHF03	Indonesia	South East Asia	API
Baltchik	<b>LSMGO</b>	Delivered	LGBAL00	LGBAL03	Bulgaria	Mediterranean & Black Sea	API
Baltchik	<b>Marine Fuel 0.5%</b>	Delivered	MFBLT00	MFBLT03	Bulgaria	Mediterranean & Black Sea	API
Bangkok	<b>IFO380</b>	Delivered	B3BKK00	B3BKK03	Thailand	South East Asia	API
Bangkok	<b>MGO</b>	Delivered	MGBKK00	MGBKK03	Thailand	South East Asia	API
Bangkok	<b>Marine Fuel 0.5%</b>	Delivered	MFBNK00	MFBNK03	Thailand	South East Asia	API
Barcelona	<b>IFO380</b>	Delivered	B3BCN00	B3BCN03	Spain	Mediterranean & Black Sea	API
Barcelona	<b>LSMGO</b>	Delivered	LGBCN00	LGBCN03	Spain	Mediterranean & Black Sea	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Barcelona	<b>MGO</b>	Delivered	MGBCN00	MGBCN03	Spain	Mediterranean & Black Sea	API
Barcelona	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFBCL04	MFBCL03	Spain	Mediterranean & Black Sea	API
Bayuquan	<b>LSMGO</b>	Deliverd	AMFA000	AMFA003	China	East Asia	API
Bayuquan	<b>Marine Fuel 0.5%</b>	Deliverd	AMFAK00	AMFAK03	China	East Asia	API
Basrah	<b>IFO380</b>	Deliverd	B3BSR00	B3BSR03	Iraq	Middle East	API
Basrah	<b>LSMGO</b>	Deliverd	LGBSR00	LGBSR03	Iraq	Middle East	API
Basrah	<b>Marine Fuel 0.5%</b>	Deliverd	MFBSR00	MFBSR03	Iraq	Middle East	API
Batumi	<b>LSMGO</b>	Delivered	LGBUS00	LGBUS03	Georgia	Mediterranean & Black Sea	API
Baatsfjord	<b>LSMGO</b>	Ex-Wharf	AWRDG00	AWRDG03	Germany	North & West Europe	API
Beilun	<b>IFO380</b>	Deliverd	AMFAY00	AMFAY03	China	East Asia	API
Beilun	<b>Marine Fuel 0.5%</b>	Deliverd	AMFBQ00	AMFBQ03	China	East Asia	API
Beilun	<b>LSMGO</b>	Deliverd	AMFDN00	AMFDN03	China	East Asia	API
Bejaia	<b>LSMGO</b>	Delivered	LGBJA00	LGBJA03	Algeria	Mediterranean & Black Sea	API
Bejaia	<b>MGO</b>	Delivered	MGBJA00	MGBJA03	Algeria	Mediterranean & Black Sea	API
Belem	<b>MGO</b>	Delivered	MGRBE00	MGRBE03	Brazil	South America Atlantic	API
Belem	<b>Marine Fuel 0.5%</b>	Delivered	MFBLM00	MFBLM03	Brazil	South America Atlantic	API
Benoa	<b>LSMGO B35 0.05%</b>	Delivered	AMFFF00	AMFFF03	Indonesia	South East Asia	API
Bergen	<b>LSMGO</b>	Ex-Wharf	LGBG000	LGBG003	Norway	North & West Europe	API
Bergen	<b>MGO</b>	Ex-Wharf	MGBG000	MGBG003	Norway	North & West Europe	API
Botany Bay	<b>AMFBQ00</b>	Delivered	B3BTB00	B3BTB03	Australia	Pacific	API
Botany Bay	<b>LSMGO</b>	Delivered	LGBTB00	LGBTB03	Australia	Pacific	API
Botany Bay	<b>MGO</b>	Delivered	MGBTB00	MGBTB03	Australia	Pacific	API
Botany Bay	<b>Marine Fuel 0.5%</b>	Delivered	MFBTN04	MFBTN03	Australia	Pacific	API
Bourgas	<b>LSMGO</b>	Ex-Wharf	LGBOJ00	LGBOJ03	Bulgaria	Mediterranean & Black Sea	API
Bourgas	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFBRG00	MFBRG03	Bulgaria	Mediterranean & Black Sea	API
Bremen	<b>IFO380</b>	Delivered	B3BRE00	B3BRE03	Germany	North & West Europe	API
Bremen	<b>LSMGO</b>	Delivered	LGBRE00	LGBRE03	Germany	North & West Europe	API
Bremen	<b>MGO</b>	Delivered	MGBRE00	MGBRE03	Germany	North & West Europe	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Bremen	<b>Marine Fuel 0.5%</b>	Delivered	MFBRM00	MFBRM03	Germany	North & West Europe	API
Bremerhaven	<b>IFO380</b>	Delivered	B3BRV00	B3BRV03	Germany	North & West Europe	API
Bremerhaven	<b>LSMGO</b>	Delivered	LGBRV00	LGBRV03	Germany	North & West Europe	API
Bremerhaven	<b>MGO</b>	Delivered	MGBRV00	MGBRV03	Germany	North & West Europe	API
Bremerhaven	<b>Marine Fuel 0.5%</b>	Delivered	MFBMH00	MFBMH03	Germany	North & West Europe	API
Brisbane	<b>IFO380</b>	Delivered	B3BNE00	B3BNE03	Australia	Pacific	API
Brisbane	<b>LSMGO</b>	Delivered	LGBNE00	LGBNE03	Australia	Pacific	API
Brisbane	<b>MGO</b>	Delivered	B3BNE00	B3BNE03	Australia	Pacific	API
Brisbane	<b>Marine Fuel 0.5%</b>	Delivered	MFBSB00	MFBSB03	Australia	Pacific	API
Buenos Aires	<b>IFO380</b>	Delivered	B3BUE00	B3BUE03	Argentina	South America Atlantic	API
Buenos Aires	<b>LSMGO</b>	Delivered	PBABR00	PBABR03	Argentina	South America Atlantic	Assessment
Buenos Aires	<b>Marine Fuel 0.5%</b>	Delivered	MFBAD00	MFBAD03	Argentina	South America Atlantic	Assessment
Busan	<b>IFO380</b>	Delivered	PUAGQ00	PUAGQ03	Korea (South)	East Asia	Assessment
Busan	<b>MGO</b>	Delivered	AAVBN00	AAVBN03	Korea (South)	East Asia	Assessment
Busan	<b>LSMGO</b>	Delivered	AAXYS00	AAXYS03	Korea (South)	East Asia	Assessment
Busan	<b>MDO</b>	Delivered	MDPUS00	MDPUS03	Korea (South)	East Asia	API
Busan	<b>Marine Fuel 0.5%</b>	Delivered	MFSKD00	MFSKD03	Korea (South)	East Asia	Assessment
Callao	<b>LSMGO</b>	Delivered	PBABW00	PBABW03	Peru	South America Pacific	Assessment
Callao	<b>Marine Fuel 0.5%</b>	Delivered	AMFCA00	AMFCA03	Peru	South America Pacific	Assessment
Canary Islands	<b>IFO380</b>	Delivered	PUAGW00	PUAGW03	Spain	Africa	Assessment
Canary Islands	<b>MGO</b>	Delivered	AARKM00	AARKM03	Spain	Africa	Assessment
Cape Town	<b>LMGO</b>	Ex-Wharf	LGCPT00	LGCPT03	South Africa	Africa	API
Cape Town	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFCPT00	MFCPT03	South Africa	Africa	API
Cartagena	<b>IFO380</b>	Delivered	AAJOA00	AAJOB00	Colombia	US Gulf & Caribbean	Assessment
Cartagena	<b>LSMGO</b>	Delivered	PBACW00	PBACW03	Colombia	US Gulf & Caribbean	Assessment
Cartagena	<b>Marine Fuel 0.5%</b>	Delivered	MFCRD00	MFCRD03	Colombia	US Gulf & Caribbean	Assessment
Caofeidian	<b>IFO380</b>	Delivered	AWRDA00	AWRDA03	China	East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Caofeidian	Marine Fuel 0.5%	Delivered	AMFAL00	AMFAL03	China	East Asia	API
Caofeidian	LSMGO	Delivered	AMFAP00	AMFAP03	China	East Asia	API
Ceuta	IFO380	Ex-Wharf	PUAEG00	PUAEG03	Spain	Mediterranean & Black Sea	Assessment
Ceuta	LSMGO	Ex-Wharf	AARSK00	AARSK03	Spain	Mediterranean & Black Sea	Assessment
Changshu	IFO380	Deliverd	AMFAZ00	AMFAZ03	China	East Asia	API
Changshu	Marine Fuel 0.5%	Deliverd	AMFBR00	AMFBR03	China	East Asia	API
Changshu	LSMGO	Deliverd	AMFD000	AMFD003	China	East Asia	API
Charleston	IFO380	Ex-Wharf	AAMOE00	AAMOF00	USA	North America Atlantic	Assessment
Charleston	LSMGO	Ex-Wharf	AAWYP00	AAWYP03	USA	North America Atlantic	Assessment
Chittagong	IFO380	Delivered	B3CGP00	B3CGP03	Bangladesh	South Asia	API
Chittagong	MGO	Delivered	MGCGP00	MGCGP03	Bangladesh	South Asia	API
Chittagong	Marine Fuel 0.5%	Delivered	MFCHT00	MFCHT03	Bangladesh	South Asia	API
Chiwan	LSMGO	Delivered	AMFAS00	AMFAS03	China	East Asia	API
Chiwan	Marine Fuel 0.5%	Delivered	AMFBB00	AMFBB03	China	East Asia	API
Chennai	Marine Fuel 0.5%	Delivered	AMFAG00	AMFAG03	India	South Asia	API
Chennai	MGO	Delivered	AMFAC00	AMFAC03	India	South Asia	API
Colombo	IFO380	Delivered	B3CMB00	B3CMB03	Sri Lanka	South Asia	API
Colombo	MGO	Delivered	AARKK00	AARKK03	Sri Lanka	South Asia	Assessment
Colombo	LSMGO	Delivered	MGDCL00	MGDCL03	Sri Lanka	South Asia	Assessment
Colombo	Marine Fuel 0.5%	Delivered	MFDCLO0	MFDCLO3	Sri Lanka	South Asia	API
Colonia	MGO	Deliverd	MGCLN00	MGCLN03	Uruguay	South America Atlantic	API
Constantza	LSMGO	Ex-Wharf	LGCND00	LGCND03	Romania	Mediterranean & Black Sea	API
Constantza	Marine Fuel 0.5%	Ex-Wharf	MFCON00	MFCON03	Romania	Mediterranean & Black Sea	API
Coronel	IFO380	Delivered	B3CNL00	B3CNL03	Chile	South America Pacific	API
Coronel	LSMGO	Delivered	LGCNL00	LGCNL03	Chile	South America Pacific	API
Coronel	Marine Fuel 0.5%	Delivered	MFCNL00	MFCNL03	Chile	South America Pacific	API
Dahej	LSMGO	Delivered	AWRDI00	AWRDI03	India	South Asia	API
Da Nang	MGO	Delivered	MGDAD00	MGDAD03	Vietnam	South East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Da Nang	LSMGO	Delivered	LGDAD00	LGDAD03	Vietnam	South East Asia	API
Dakar	MGO	Ex-Wharf	POABP00	POABP03	Senegal	Africa	API
Dalian	IFO380	Ex-Wharf	B3DLC00	B3DLC03	China	East Asia	API
Dalian	MGO	Delivered	MGDLC00	MGDLC03	China	East Asia	API
Dammam	IFO380	Delivered	B3DMN00	B3DMN03	Saudi Arabia	Middle East	API
Dammam	MGO	Delivered	MGDMN00	MGDMN03	Saudi Arabia	Middle East	API
Dammam	Marine Fuel 0.5%	Delivered	BFDMM00	BFDMM03	Saudi Arabia	Middle East	API
Dampier	MGO	Delivered	AMFAW00	AMFAW03	Australia	Pacific	API
Darwin	LSMGO	Delivered	LGDRW00	LGDRW03	Australia	Pacific	API
Djibouti	IFO380	Delivered	B3JIB00	B3JIB03	Djibouti	Africa	API
Djibouti	LSMGO	Delivered	LGJIB00	LGJIB03	Djibouti	Africa	API
Djibouti	Marine Fuel 0.5%	Delivered	MFDJB00	MFDJB03	Djibouti	Africa	API
Delfzijl	MGO	Delivered	MGDZL00	MGDZL03	Netherlands	North & West Europe	API
Delfzijl	LSMGO	Delivered	LGDZL00	LGDZL03	Netherlands	North & West Europe	API
Dongjiakou	IFO380	Deliverd	AMFDX00	AMFDX03	China	East Asia	API
Dongjiakou	Marine Fuel 0.5%	Deliverd	AMFBV00	AMFBV03	China	East Asia	API
Dongjiakou	LSMGO	Deliverd	AMFDS00	AMFDS03	China	East Asia	API
Dubai	LSMGO	Delivered	LGDXB00	LGDXB03	UAE	Middle East	API
Dubai	Marine Fuel 0.5%	Delivered	MFDXB00	MFDXB03	UAE	Middle East	API
Dunkirk	IFO380	Delivered	PUAEL00	PUAEL03	France	North & West Europe	Assessment
Dunkirk	LSMGO	Delivered	POABT00	POABT03	France	North & West Europe	Assessment
Durban	MGO	Delivered	PUAGY00	PUAGY03	South Africa	Africa	Assessment
Durban	Marine Fuel 0.5%	Delivered	MFDBD00	MFDBD03	South Africa	Africa	Assessment
Duqum	LSMGO	Delivered	AMFDV00	AMFDV03	Oman	Middle East	API
Eemshaven	MGO	Delivered	MGEEM00	MGEEM03	Netherlands	North & West Europe	API
Eemshaven	LSMGO	Delivered	LGEEM00	LGEEM03	Netherlands	North & West Europe	API
El Guamache	IFO380	Delivered	B3EGU00	B3EGU03	Venezuela	US Gulf & Caribbean	API
El Guamache	MGO	Delivered	MGEGU00	MGEGU03	Venezuela	US Gulf & Caribbean	API
Fangcheng	LSMGO	Delivered	AMFDC00	AMFDC03	China	East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Fangcheng	Marine Fuel 0.5%	Ex-Wharf	AMFBG00	AMFBG03	China	East Asia	API
Flushing	IFO380	Delivered	B3VLI00	B3VLI03	Netherlands	North & West Europe	API
Flushing	MGO	Delivered	MGVLI00	MGVLI03	Netherlands	North & West Europe	API
Flushing	LSMGO	Delivered	LGVLI00	LGVLI03	Netherlands	North & West Europe	API
Flushing	Marine Fuel 0.5%	Delivered	MFFLS00	MFFLS03	Netherlands	North & West Europe	API
Fortaleza	MGO	Delivered	MGFOR00	MGFOR03	Brazil	South America Atlantic	API
Fortaleza	Marine Fuel 0.5%	Delivered	MFFTZ00	MFFTZ03	Brazil	South America Atlantic	API
Fray Bentos	MGO	Delivered	MGFZB00	MGFZB03	Uruguay	South America Atlantic	API
Fremantle	IFO380	Ex-Wharf	B3FRE00	B3FRE03	Australia	Pacific	API
Fremantle	LSMGO	Ex-Wharf	LGFRE00	LGFRE03	Australia	Pacific	API
Fremantle	MGO	Ex-Wharf	MGFRE00	MGFRE03	Australia	Pacific	API
Fremantle	Marine Fuel 0.5%	Ex-Wharf	MFFRM00	MFFRM03	Australia	Pacific	API
French Med	IFO380	Ex-Wharf	PUAE000	PUAE003	France	North & West Europe	Assessment
French Med	LSMGO	Ex-Wharf	POABX00	POABX03	France	North & West Europe	Assessment
Fujairah	IFO380	Delivered	PUAXP00	PUAXP03	UAE	Middle East	Assessment
Fujairah	MGO	Delivered	AARKH00	AARKH03	UAE	Middle East	Assessment
Fujairah	LSMGO	Delivered	AAXYP00	AAXYP03	UAE	Middle East	Assessment
Fujairah	Marine Fuel 0.5%	Delivered	MFFJD00	MFFJD03	UAE	Middle East	Assessment
Fuzhou	LSMGO	Deliverd	AMFAQ00	AMFAQ03	China	East Asia	API
Fuzhou	Marine Fuel 0.5%	Deliverd	AMFAM00	AMFAM03	China	East Asia	API
Gangavaram	LSMGO	Delivered	AWRDK00	AWRDK03	India	South Asia	API
Gdansk	LSMGO	Delivered	AARSP00	AARSP03	Poland	North & West Europe	Assessment
Genoa	IFO380	Ex-Wharf	PUAFD00	PUAFD03	Italy	Mediterranean & Black Sea	Assessment
Genoa	LSMGO	Ex-Wharf	PBABK00	PBABK03	Italy	Mediterranean & Black Sea	Assessment
Genoa	Marine Fuel 0.5%	Ex-Wharf	MFGEN00	MFGEN03	Italy	Mediterranean & Black Sea	Assessment
Geraldton	MGO	Delivered	AMFAU00	AMFAU03	Australia	Pacific	API
Ghent	IFO380	Delivered	B3GNE00	B3GNE03	Belgium	North & West Europe	API
Ghent	LSMGO	Delivered	LGGNE00	LGGNE03	Belgium	North & West Europe	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Ghent	Marine Fuel 0.5%	Delivered	MFGNT00	MFGNT03	Belgium	North & West Europe	API
Gibraltar	IFO380	Delivered	AAKAB00	AAKAC00	Gibraltar	Mediterranean & Black Sea	Assessment
Gibraltar	LSMGO	Delivered	AARSU00	AARSU03	Gibraltar	Mediterranean & Black Sea	Assessment
Gibraltar	Marine Fuel 0.5%	Delivered	MFGBD00	MFGBD03	Gibraltar	Mediterranean & Black Sea	Assessment
Gladstone	IFO380	Delivered	B3GLT00	B3GLT03	Australia	Pacific	API
Gladstone	LSMGO	Delivered	LGGLT00	LGGLT03	Australia	Pacific	API
Gladstone	MGO	Delivered	MGGLT00	MGGLT03	Australia	Pacific	API
Gladstone	Marine Fuel 0.5%	Delivered	MFGLD00	MFGLD03	Australia	Pacific	API
Gothenburg	IFO380	Delivered	AAVWX00	AAVWX03	Sweden	North & West Europe	Assessment
Gothenburg	LSMGO	Delivered	AAVWC00	AAVWC03	Sweden	North & West Europe	Assessment
Gothenburg	Marine Fuel 0.5%	Delivered	MFDGT00	MFDGT03	Sweden	North & West Europe	Assessment
Gothenburg	ULSFO	Delivered	UFGOT00	UFGOT03	Sweden	North & West Europe	API
Guangzhou	MGO	Delivered	MGCAN00	MGCAN03	China	East Asia	API
Guangzhou	LSMGO	Delivered	BGXSA00	BGXSA03	China	East Asia	API
Guangzhou	Marine Fuel 0.5%	Ex-Wharf	MFGNZ00	MFGNZ03	China	East Asia	API
Guaranao Bay	IFO380	Delivered	B3GUB00	B3GUB03	Venezuela	US Gulf & Caribbean	API
Guaranao Bay	MGO	Delivered	MGGUUB00	MGGUUB03	Venezuela	US Gulf & Caribbean	API
Guayaquil	IFO380	Delivered	AAJOC00	AAJOD00	Ecuador	South America Pacific	Assessment
Guayaquil	LSMGO	Delivered	AAJOG00	AAJOH00	Ecuador	South America Pacific	Assessment
Guayaquil	Marine Fuel 0.5%	Delivered	AMFGY00	AMFGY03	Ecuador	South America Pacific	Assessment
Guiria	IFO380	Delivered	B3GUI00	B3GUI03	Venezuela	US Gulf & Caribbean	API
Guiria	MGO	Delivered	MGGUI00	MGGUI03	Venezuela	US Gulf & Caribbean	API
Haldia	Marine Fuel 0.5%	Delivered	AMFAI00	AMFAI03	India	South Asia	API
Haldia	LSMGO	Delivered	AMFAB00	AMFAB03	India	South Asia	API
Haiphong	MGO	Delivered	MGHPH00	MGHPH03	Vietnam	South East Asia	API
Haiphong	LSMGO	Delivered	LGHPH00	LGHPH03	Vietnam	South East Asia	API
Haiphong	Marine Fuel 0.5%	Delivered	MFHPG00	MFHPG03	Vietnam	South East Asia	API
Hambantota	LSMGO	Delivered	BGHBA00	BGHBA03	Sri Lanka	South East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source	Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Hambantota	Marine Fuel 0.5%	Delivered	BFHBA00	BFHBA03	Sri Lanka	South East Asia	API	Huangpu	LSMGO	Delivered	BGHUA00	BGHUA03	China	East Asia	API
Hamburg	IFO380	Delivered	PUAEQ00	PUAEQ03	Germany	North & West Europe	Assessment	Huangpu	Marine Fuel 0.5%	Delivered	MFHNG00	MFHNG03	China	East Asia	API
Hamburg	LSMGO	Delivered	AARSZ00	AARSZ03	Germany	North & West Europe	Assessment	Huasco	LSMGO	Delivered	LGHSO00	LGHSO03	Chile	South America Pacific	API
Hamburg	Marine Fuel 0.5%	Delivered	MFDHB00	MFDHB03	Germany	North & West Europe	Assessment	Huanghua	IFO380	Delivered	AMFAD00	AMFAD03	China	East Asia	API
Hammerfest	LSMGO	Delivered	LGHFT00	LGHFT03	Norway	North & West Europe	API	Huanghua	LSMGO	Delivered	AMFDM00	AMFDM03	China	East Asia	API
Hammerfest	MGO	Delivered	MGHFT00	MGHFT03	Norway	North & West Europe	API	Ijmuiden	IFO380	Delivered	B3IJM00	B3IJM03	Netherlands	North & West Europe	API
Hazira	LSMGO	Delivered	AWRDM00	AWRDM03	India	South Asia	API	Ijmuiden	MGO	Delivered	MGIJM00	MGIJM03	Netherlands	North & West Europe	API
Huanghua	Marine Fuel 0.5%	Delivered	AMFBP00	AMFBP03	China	East Asia	API	Ijmuiden	LSMGO	Delivered	LGIJM00	LGIJM03	Netherlands	North & West Europe	API
Harlingen	MGO	Delivered	MGHAR00	MGHAR03	Netherlands	North & West Europe	API	Ijmuiden	ULSFO	Delivered	UFIJM00	UFIJM03	Netherlands	North & West Europe	API
Harlingen	LSMGO	Delivered	LGHAR00	LGHAR03	Netherlands	North & West Europe	API	Ijmuiden	Marine Fuel 0.5%	Delivered	MFIJM00	MFIJM03	Netherlands	North & West Europe	API
Helsinki	LSMDO	Delivered	LDHEL00	LDHEL03	Finland	North & West Europe	API	Inchon	IFO380	Delivered	B3INC00	B3INC03	Korea (South)	East Asia	API
Helsinki	LSMGO	Delivered	LGHEL00	LGHEL03	Finland	North & West Europe	API	Inchon	MGO	Delivered	MGINC00	MGINC03	Korea (South)	East Asia	API
Ho Chi Minh City	MGO	Delivered	MGSGN00	MGSGN03	Vietnam	South East Asia	API	Inchon	Marine Fuel 0.5%	Delivered	MFICH00	MFICH03	Korea (South)	East Asia	API
Ho Chi Minh City	LSMGO	Delivered	LGSGN00	LGSGN03	Vietnam	South East Asia	API	Iquique	LSMGO	Delivered	LGIQQ00	LGIQQ03	Chile	South America Pacific	API
Ho Chi Minh City	Marine Fuel 0.5%	Delivered	MFHCM00	MFHCM03	Vietnam	South East Asia	API	Iskenderun	LSMGO	Delivered	LGISK00	LGISK03	Turkey	Mediterranean & Black Sea	API
Hong Kong	IFO380	Delivered	PUAER00	PUAER03	China	East Asia	Assessment	Istanbul	IFO380	Delivered	PUAET00	PUAET03	Turkey	Mediterranean & Black Sea	Assessment
Hong Kong	LSMGO	Delivered	AAXYQ00	AAXYQ03	China	East Asia	Assessment	Istanbul	LSMGO	Delivered	POACF00	POACF03	Turkey	Mediterranean & Black Sea	Assessment
Hong Kong	MDO	Delivered	MDHOK03	MDHOK03	China	East Asia	API	Itaqui	MGO	Delivered	MGITQ00	MGITQ03	Brazil	South America Atlantic	API
Hong Kong	Marine Fuel 0.5%	Delivered	MFHKD00	MFHKD03	China	East Asia	Assessment	Itaqui	Marine Fuel 0.5%	Delivered	MFITQ00	MFITQ03	Brazil	South America Atlantic	API
Houston	IFO380	Ex-Wharf	PUAES00	AAGPF00	USA	US Gulf & Caribbean	Assessment	Izmit	IFO380	Delivered	B3IZT00	B3IZT03	Turkey	Mediterranean & Black Sea	API
Houston	LSMGO	Ex-Wharf	AAWYQ00	AAWYQ03	USA	US Gulf & Caribbean	Assessment	Izmit	LSMGO	Delivered	LGIZT00	LGIZT03	Turkey	Mediterranean & Black Sea	API
Houston	Marine Fuel 0.5%	Delivered	MFHOD00	MFHOD03	USA	US Gulf & Caribbean	Assessment	Izmit	Marine Fuel 0.5%	Delivered	MFIZM00	MFIZM03	Turkey	Mediterranean & Black Sea	API
Houston	Marine Fuel 0.5%	Ex-Wharf	MFHOE00	MFHOE03	USA	US Gulf & Caribbean	Assessment	Izmit	Marine Fuel 0.5%	Ex-Wharf	MFIZM00	MFIZM03	Turkey	Mediterranean & Black Sea	API
Hualien	MGO	Delivered	CBGAM00		Taiwan	East Asia	API	Jakarta	MGO	Delivered	MGJKT00	MGJKT03	Indonesia	South East Asia	API
Hualien	Marine Fuel 0.5%	Delivered	CB1AU00		Taiwan	East Asia	API	Jakarta	Marine Fuel 0.5%	Delivered	MFJKT04	MFJKT03	Indonesia	South East Asia	API
Huangpu	MGO	Delivered	MGHUA00	MGHUA03	China	East Asia	API	Jakarta	LSMGO B35 0.05%	Delivered	AMFAF00	AMFAF03	Indonesia	South East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Jeddah	<b>IFO380</b>	Delivered	B3JED00	B3JED03	Saudi Arabia	Middle East	API
Jeddah	<b>MGO</b>	Delivered	MGJED00	MGJED03	Saudi Arabia	Middle East	API
Jeddah	<b>Marine Fuel 0.5%</b>	Delivered	MFJDH00	MFJDH03	Saudi Arabia	Middle East	API
Jiangyin	<b>IFO380</b>	Delivered	B3JIA00	B3JIA03	China	East Asia	API
Jiangyin	<b>MGO</b>	Delivered	MGJIA00	MGJIA03	China	East Asia	API
Jiangyin	<b>LSMGO</b>	Delivered	LGJNG00	LGJNG03	China	East Asia	API
Jiangyin	<b>Marine Fuel 0.5%</b>	Delivered	MFJNG00	MFJNG03	China	East Asia	API
Jintang	<b>IFO380</b>	Delivered	AWRDB00	AWRDB03	China	East Asia	API
Jintang	<b>MGO</b>	Delivered	MGJTG00	MGJTG03	China	East Asia	API
Jintang	<b>LSMGO</b>	Delivered	LGJTG00	LGJTG03	China	East Asia	API
Jiangtang	<b>Marine Fuel 0.5%</b>	Delivered	MFJTG00	MFJTG03	China	East Asia	API
Jubail	<b>IFO380</b>	Delivered	B3JUB00	B3JUB03	Saudi Arabia	Middle East	API
Jubail	<b>MGO</b>	Delivered	MGJUB00	MGJUB03	Saudi Arabia	Middle East	API
Jubail	<b>Marine Fuel 0.5%</b>	Delivered	MFJBL00	MFJBL03	Saudi Arabia	Middle East	API
Kakinada	<b>Marine Fuel 0.5%</b>	Delivered	AMFB000	AMFB003	India	South Asia	API
Kakinada	<b>LSMGO</b>	Delivered	AMFDL00	AMFDL03	India	South Asia	API
Kaohsiung	<b>MGO</b>	Delivered	CBGAP00		Taiwan	East Asia	API
Kaohsiung	<b>IFO380</b>	Delivered	CB3AN00		Taiwan	East Asia	API
Kaohsiung	<b>Marine Fuel 0.5%</b>	Delivered	CB1AR00		Taiwan	East Asia	API
Kandla	<b>LSMGO</b>	Delivered	BGIXY00	BGIXY03	India	East Asia	API
Kandla	<b>Marine Fuel 0.5%</b>	Delivered	BFIXY00	BFIXY03	India	East Asia	API
Karachi	<b>LSMGO</b>	Delivered	LGKHI00	LGKHI03	Pakistan	South Asia	API
Karachi	<b>Marine Fuel 0.5%</b>	Delivered	MFKHI00	MFKHI03	Pakistan	South Asia	API
Kashagan	<b>MGO</b>	Delivered	MG42900	MG42903	Kazakhstan	Mediterranean & Black Sea	API
Kavkaz	<b>IFO380</b>	Delivered	B3KZP00	B3KZP03	Russia	Mediterranean & Black Sea	API
Kavkaz	<b>LSMGO</b>	Delivered	LGKZP00	LGKZP03	Russia	Mediterranean & Black Sea	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Kavkaz	<b>Marine Fuel 0.5%</b>	Delivered	MFVK00	MFVK03	Russia	Mediterranean & Black Sea	API
Keelung	<b>MGO</b>	Delivered	CBGAN00		Taiwan	East Asia	API
Keelung	<b>Marine Fuel 0.5%</b>	Delivered	CB1AT00		Taiwan	East Asia	API
Khor Fakkan	<b>IFO380</b>	Delivered	B3KLF00	B3KLF03	UAE	Middle East	API
Khor Fakkan	<b>MGO</b>	Delivered	AARKI00	AARKI03	UAE	Middle East	Assessment
Khor Fakkan	<b>LSMGO</b>	Delivered	MGDKF00	MGDKF03	UAE	Middle East	Assessment
Khor Fakkan	<b>Marine Fuel 0.5%</b>	Delivered	MFDFK00	MFDFK03	UAE	Middle East	Assessment
Khor Al Zubair	<b>IFO380</b>	Delivered	B3KAZ00	B3KAZ03	Iraq	Middle East	API
Khor Al Zubair	<b>LSMGO</b>	Delivered	LGKAZ00	LGKAZ03	Iraq	Middle East	API
Khor Al Zubair	<b>Marine Fuel 0.5%</b>	Delivered	MFKAZ00	MFKAZ03	Iraq	Middle East	API
Kingston	<b>IFO380</b>	Delivered	B3MKI00	B3MKI03	Jamaica	US Gulf & Caribbean	API
Kingston	<b>LSMGO</b>	Delivered	LGKIN00	LGKIN03	Jamaica	US Gulf & Caribbean	API
Kingston	<b>Marine Fuel 0.5%</b>	Delivered	MFKNG00	MFKNG03	Jamaica	US Gulf & Caribbean	API
Kirkenes	<b>MGO</b>	Delivered	MGKKN00	MGKKN03	Norway	North & West Europe	API
Kirkenes	<b>LSMGO</b>	Delivered	LGKKN00	LGKKN03	Norway	North & West Europe	API
Kobe	<b>IFO380</b>	Delivered	B3UKB00	B3UKB03	Japan	East Asia	API
Kobe	<b>MDO</b>	Delivered	MDUKB00	MDUKB03	Japan	East Asia	API
Kobe	<b>Marine Fuel 0.5%</b>	Delivered	MDUKB00	MDUKB03	Japan	East Asia	API
Koper	<b>MGO</b>	Delivered	MGKOP00	MGKOP03	Slovenia	Mediterranean & Black Sea	API
Koper	<b>LSMGO</b>	Delivered	LGKOP00	LGKOP03	Slovenia	Mediterranean & Black Sea	API
Koper	<b>Marine Fuel 0.5%</b>	Delivered	MFKPR04	MFKPR03	Slovenia	Mediterranean & Black Sea	API
Kochi	<b>IFO380</b>	Delivered	B3COK00	B3COK03	India	South Asia	API
Kochi	<b>LSMGO</b>	Delivered	LGKCH00	LGKCH03	India	South Asia	API
Kochi	<b>Marine Fuel 0.5%</b>	Delivered	MFKCH00	MFKCH03	India	South Asia	API
Kotka	<b>LSMDO</b>	Delivered	LDKTK00	LDKTK03	Finland	North & West Europe	API
Kotka	<b>MGO</b>	Delivered	LGKTK00	LGKTK03	Finland	North & West Europe	API
Ko Sichang	<b>MGO</b>	Delivered	MGKSI00	MGKSI03	Bangkok	South East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source	Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Ko Sichang	Marine Fuel 0.5%	Delivered	MFSCH04	MFSCH03	Bangkok	South East Asia	API	Liangyungang	IFO380	Ex-Wharf	B3LYG00	B3LYG03	China	East Asia	API
Kozmino	IFO380	Delivered	B344300	B344303	Russia	East Asia	API	Liangyungang	MGO	Delivered	MGLY00	MGLY03	China	East Asia	API
Kozmino	MGO	Delivered	MG44300	MG44303	Russia	East Asia	API	Liangyungang	LSMGO	Ex-Wharf	LGLIU00	LGLIU03	China	East Asia	API
Kozmino	Marine Fuel 0.5%	Delivered	MFKOZ00	MFKOZ03	Russia	East Asia	API	Liangyungang	Marine Fuel 0.5%	Ex-Wharf	MFLIU00	MFLIU03	China	East Asia	API
Kulevi	LSMGO	Delivered	LG21600	LG21603	Georgia	Mediterranean & Black Sea	API	Lirquen	IFO380	Delivered	B3LQN00	B3LQN03	Chile	South America Pacific	API
Kuwait	IFO380	Delivered	B3WKW00	B3WKW03	Kuwait	Middle East	API	Lirquen	LSMGO	Delivered	LGLQN00	LGLQN03	Chile	South America Pacific	API
Kuwait	MGO	Delivered	AAXCV00	AAXCV03	Kuwait	Middle East	Assessment	Lirquen	Marine Fuel 0.5%	Delivered	MFLRQ00	MFLRQ03	Chile	South America Pacific	API
Kuwait	LSMGO	Delivered	MGDKW00	MGDKW03	Kuwait	Middle East	Assessment	Lisbon	LSMGO	Ex-Wharf	LGLIS00	LGLIS03	Portugal	North & West Europe	API
Kuwait	Marine Fuel 0.5%	Delivered	MFDKW00	MFDKW03	Kuwait	Middle East	Assessment	Lisbon	Marine Fuel 0.5%	Ex-Wharf	MFLIS00	MFLIS03	Portugal	North & West Europe	API
Kwinana	MGO	Delivered	MGUKW00	MGUKW03	Australia	Pacific	API	Lome	IFO380	Delivered	AAJJ00	AAJJ03	Togo	Africa	Assessment
Kwinana	LSMGO	Delivered	LGUKW00	LGUKW03	Australia	Pacific	API	Lome	MGO	Delivered	AAJL00	AAJL03	Togo	Africa	Assessment
Kwinana	Marine Fuel 0.5%	Delivered	MFKWN04	MFKWN03	Australia	Pacific	API	Lome	Marine Fuel 0.5%	Delivered	MFLOM00	MFLOM03	Togo	Africa	Assessment
La Guaira	IFO380	Delivered	B3LAG00	B3LAG03	Venezuela	US Gulf & Caribbean	API	Long Beach	IFO380	Delivered	B3LGB00	B3LGB03	United States	North America Pacific	API
La Guaira	MGO	Delivered	MGLAG00	MGLAG03	Venezuela	US Gulf & Caribbean	API	Long Beach	MGO	Delivered	MGLGB00	MGLGB03	United States	North America Pacific	API
La Libertad	IFO380	Delivered	PUAYT00	PUAYT03	Ecuador	South America Pacific	Assessment	Long Beach	Marine Fuel 0.5%	Delivered	BFLGB00	BFLGB03	United States	North America Pacific	API
La Libertad	LSMGO	Delivered	PBABY00	PBABY03	Ecuador	South America Pacific	Assessment	Los Angeles	IFO380	Ex-Wharf	PBAAP00	AAGPO00	USA	North America Pacific	Assessment
La Libertad	Marine Fuel 0.5%	Delivered	AMFLB00	AMFLB03	Ecuador	South America Pacific	Assessment	Los Angeles	LSMGO	Ex-Wharf	AAWYR00	AAWYR03	USA	North America Pacific	Assessment
Lagos	MGO	Delivered	MGLOS00	MGLOS03	Nigeria	Africa	API	Los Angeles	Marine Fuel 0.5%	Delivered	MFLAD00	MFLAD03	USA	North America Pacific	Assessment
Lanshan	IFO380	Delivered	B3LSN00	B3LSN03	China	East Asia	API	Maceio	MGO	Delivered	MGM CZ00	MGM CZ03	Brazil	South America Atlantic	API
Lanshan	MGO	Delivered	MGLSN00	MGLSN03	China	East Asia	API	Machong	Marine Fuel 0.5%	Delivered	AMFBC00	AMFBC03	China	East Asia	API
Lanshan	LSMGO	Delivered	LGLSN00	LGLSN03	China	East Asia	API	Machong	LSMGO	Delivered	AMFBY00	AMFBY03	China	East Asia	API
Lanshan	Marine Fuel 0.5%	Delivered	MFLSN00	MFLSN03	China	East Asia	API	Manaus	MGO	Delivered	MGMA000	MGMA003	Brazil	South America Atlantic	API
Lanqiao	IFO380	Delivered	AMFDY00	AMFDY03	China	East Asia	API	Manaus	Marine Fuel 0.5%	Delivered	MFMNS00	MFMNS03	Brazil	South America Atlantic	API
Lanqiao	LSMGO	Delivered	AMFDT00	AMFDT03	China	East Asia	API	Manila	IFO380	Delivered	B3MNL00	B3MNL03	Philippines	South East Asia	API
Lanqiao	Marine Fuel 0.5%	Delivered	AMFBW00	AMFBW03	China	East Asia	API	Manila	MGO	Delivered	MGMNL00	MGMNL03	Philippines	South East Asia	API
Las Palmas	IFO380	Delivered	PUAFB00	PUAFB03	Spain	North & West Europe	Assessment	Manila	LSMGO	Delivered	LGMNL04	LGMNL03	Philippines	South East Asia	API
Las Palmas	Marine Fuel 0.5%	Delivered	MFDL00	MFDL03	Spain	North & West Europe	Assessment								

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Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source	Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Manila	Marine Fuel 0.5%	Delivered	MFMNL04	MFMNL03	Philippines	South East Asia	API	Muchke Bay	IFO380	Delivered	B346200	B346203	Russia	East Asia	API
Maracaibo	IFO380	Ex-Wharf	B3MAR00	B3MAR03	Venezuela	US Gulf & Caribbean	API	Muchke Bay	MGO	Delivered	MG46200	MG46203	Russia	East Asia	API
Maracaibo	MGO	Ex-Wharf	MGEMA00	MGEMA03	Venezuela	US Gulf & Caribbean	API	Muchke Bay	Marine Fuel 0.5%	Delivered	MFMCB00	MFMCB03	Russia	East Asia	API
Marsden Point	IFO380	Delivered	B3MAP00	B3MAP03	New Zealand	Pacific	API	Muara Berau	Marine Fuel 0.5%	Delivered	AWRDX00	AWRDX03	Indonesia	South East Asia	API
Marsden Point	MGO	Delivered	MGMAP00	MGMAP03	New Zealand	Pacific	API	Mumbai	IFO380	Delivered	B3BOM00	B3BOM03	India	South Asia	API
Marsden Point	LSMGO	Delivered	LGMAP00	LGMAP03	New Zealand	Pacific	API	Mumbai	MGO	Delivered	AASSI00	AASSI03	India	South Asia	Assessment
Maputo	MGO	Delivered	MGMPM00	MGMPM03	Mozambique	Africa	API	Mumbai	LSMGO	Delivered	MGDMM00	MGDMM03	India	South Asia	Assessment
Maputo	Marine Fuel 0.5%	Delivered	AWREA00	AWREA03	Mozambique	Africa	API	Mumbai	Marine Fuel 0.5%	Delivered	MFDMB00	MFDM03	India	South Asia	API
Mawei	Marine Fuel 0.5%	Delivered	AMFB100	AMFB103	China	East Asia	API	Muscat	MGO	Delivered	MGMCT00	MGMCT03	Oman	Middle East	API
Mawei	LSMGO	Delivered	AMFDE00	AMFDE03	China	East Asia	API	Mundra	IFO380	Delivered	B3MUN00	B3MUN03	India	South Asia	API
Mejillones	LSMGO	Delivered	LGMJS00	LGMJS03	Chile	South America Pacific	API	Mundra	LSMGO	Delivered	LGMUN00	LGMUN03	India	South Asia	API
Melbourne	IFO380	Delivered	B3MEL00	B3MEL03	Australia	Pacific	API	Mundra	Marine Fuel 0.5%	Delivered	MFMND00	MFMND03	India	South Asia	API
Melbourne	MGO	Delivered	AARKG00	AARKG03	Australia	Pacific	Assessment	Muuga	IFO380	Delivered	B3MUU00	B3MUU03	Estonia	North & West Europe	API
Melbourne	LSMGO	Delivered	MGDMB00	MGDMB03	Australia	Pacific	Assessment	Muuga	LSMGO	Delivered	LGMUU00	LGMUU03	Estonia	North & West Europe	API
Melbourne	Marine Fuel 0.5%	Delivered	MFDMB00	MFDMB03	Australia	Pacific	Assessment	Muuga	MGO	Delivered	MGMUU00	MGMUU03	Estonia	North & West Europe	API
Mersin	LSMGO	Delivered	LGMER00	LGMER03	Turkey	Mediterranean & Black Sea	API	Muuga	ULSFO	Delivered	UFMUU00	UFMUU03	Estonia	North & West Europe	API
Mindelo	MGO	Delivered	MGMIN00	MGMIN03	Cape Verde Islands	Africa	API	Muuga	Marine Fuel 0.5%	Delivered	MFMUU00	MFMUU03	Estonia	North & West Europe	API
Mindelo	Marine Fuel 0.5%	Delivered	BFMIN04	BFMIN03	Cape Verde Islands	Africa	API	Nakhodka	IFO380	Delivered	B3NJK00	B3NJK03	Russia	East Asia	API
Mombasa	MGO	Delivered	MGMBA00	MGMBA03	Kenya	Africa	API	Nakhodka	MGO	Delivered	MGNJK00	MGNJK03	Russia	East Asia	API
Mombasa	IFO380	Delivered	B3MBA00	B3MBA03	Kenya	Africa	API	Nahodka	Marine Fuel 0.5%	Delivered	MFNKD00	MFNKD03	Russia	East Asia	API
Mombasa	Marine Fuel 0.5%	Delivered	MFMMB00	MFMMB03	Kenya	Africa	API	Nacala	IFO380	Delivered	AWRED00	AWRED03	Mozambique	Africa	API
Montevideo	LSMGO	Delivered	PBADA00	PBADA03	Uruguay	South America Atlantic	API	Nacala	LSMGO	Delivered	AWREC00	AWREC03	Mozambique	Africa	API
Montevideo	Marine Fuel 0.5%	Delivered	AMFMT00	AMFMT03	Uruguay	South America Atlantic	API	Nacala	Marine Fuel 0.5%	Delivered	AWREB00	AWREB03	Mozambique	Africa	API
Montreal	IFO380	Ex-Wharf	PUAFE00	AAGPX00	Canada	North America Atlantic	Assessment	Nanjing	IFO380	Delivered	B3NKG00	B3NKG03	China	East Asia	API
Montreal	LSMGO	Ex-Wharf	AAWYS00	AAWYS03	Canada	North America Atlantic	Assessment	Nanjing	MGO	Delivered	MGNKG00	MGNKG03	China	East Asia	API
Montreal	Marine Fuel 0.5%	Ex-Wharf	AMFMO00	AMFMO03	Canada	North America Atlantic	Assessment	Nanjing	LSMGO	Delivered	LGNNJ00	LGNNJ03	China	East Asia	API
								Nanjing	Marine Fuel 0.5%	Delivered	MFNNJ00	MFNNJ03	China	East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source	Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Nansha	Marine Fuel 0.5%	Delivered	AMFBA00	AMFBA03	China	East Asia	API	Ningde	Marine Fuel 0.5%	Delivered	AMFBJ00	AMFBJ03	China	East Asia	API
Nansha	LSMGO	Delivered	AMFAR00	AMFAR03	China	East Asia	API	Ningde	LSMGO	Delivered	AMFDG00	AMFDG03	China	East Asia	API
Nantong	IFO380	Delivered	B3NTG00	B3NTG03	China	East Asia	API	Niterói	MGO	Delivered	MGNTR00	MGNTR03	Brazil	South America Atlantic	API
Nantong	MGO	Delivered	MGNTG00	MGNTG03	China	East Asia	API	Niterói	Marine Fuel 0.5%	Delivered	MFNTR00	MFNTR03	Brazil	South America Atlantic	API
Nantong	LSMGO	Delivered	LGNTG00	LGNTG03	China	East Asia	API	Norfolk VA	IFO380	Ex-Wharf	PUAFG00	PUAFG00	USA	North America Atlantic	Assessment
Nantong	Marine Fuel 0.5%	Delivered	MFNTG00	MFNTG03	China	East Asia	API	Norfolk VA	LSMGO	Ex-Wharf	AAWYV00	AAWYV03	USA	North America Atlantic	Assessment
Nantong	IFO380	Delivered	AMFBF00	AMFBF03	China	East Asia	API	Novorossiysk	IFO380	Delivered	AASHF00	AASHF03	Russia	Mediterranean & Black Sea	Assessment
Taicang	Marine Fuel 0.5%	Delivered	AMFBS00	AMFBS03	China	East Asia	API	Novorossiysk	LSMGO	Delivered	AASHG00	AASHG03	Russia	Mediterranean & Black Sea	Assessment
Taicang	LSMGO	Delivered	AMFDP00	AMFDP03	China	East Asia	API	Novorossiysk	Marine Fuel 0.5%	Delivered	MFDNV00	MFDNV03	Russia	Mediterranean & Black Sea	Assessment
New Mangalore	Marine Fuel 0.5%	Delivered	AWRDN00	AWRDN03	India	South Asia	API	Nueva Palmira	MGO	Delivered	MGNVP00	MGNVP03	Uruguay	South America Atlantic	API
New Orleans	IFO380	Ex-Wharf	PUAFH00	AAGQG00	USA	US Gulf & Caribbean	Assessment	Odessa	LSMGO	Delivered	LGODS00	LGODS03	Ukraine	Mediterranean & Black Sea	API
New Orleans	LSMGO	Ex-Wharf	AAWYT00	AAWYT03	USA	US Gulf & Caribbean	Assessment	Off-Angola	MGO	Delivered	MG11200	MG11203	Angola	Africa	API
New Orleans	Marine Fuel 0.5%	Delivered	MFNOD00	MFNOD03	USA	US Gulf & Caribbean	Assessment	Off-Angola	Marine Fuel 0.5%	Delivered	MFANG00	MFANG03	Angola	Africa	API
New York	IFO380	Ex-Wharf	PUAFI00	PUAFI00	USA	North America Atlantic	Assessment	Off-Congo, D.R. of	MGO	Delivered	MG26500	MG26503	Congo	Africa	API
New York	IFO380	Delivered	AAGQN00	AAGQ000	USA	North America Atlantic	Assessment	Off-Congo, D.R. of	Marine Fuel 0.5%	Delivered	MFDRCO0	MFDRCO3	Congo	Africa	API
New York	LSMGO	Ex-Wharf	AAWYU00	AAWYU03	USA	North America Atlantic	Assessment	Off-Ghana	MGO	Delivered	MGH9900	MGH9903	Ghana	Africa	API
New York	Marine Fuel 0.5%	Ex-Wharf	MFNYE00	MFNYE00	USA	North America Atlantic	Assessment	Off-Ghana	Marine Fuel 0.5%	Delivered	MFGHN00	MFGHN03	Ghana	Africa	API
New York	Marine Fuel 0.5%	Delivered	MFNYD00	MFNYD03	USA	North America Atlantic	Assessment	Off-Malta	IFO380	Delivered	PUBFH00	PUBFH03	Malta	Mediterranean & Black Sea	Assessment
Nieuw Nickerie	LSMGO	Ex-Wharf	LGICK00	LGICK03	Suriname	South America Atlantic	API	Off-Malta	LSMGO	Delivered	PBADH00	PBADH03	Malta	Mediterranean & Black Sea	Assessment
Nieuw Nickerie	Marine Fuel 0.5%	Ex-Wharf	MFNNK00	MFNNK03	Suriname	South America Atlantic	API	Off-Malta	Marine Fuel 0.5%	Delivered	MFMLD00	MFMLD03	Malta	Mediterranean & Black Sea	Assessment
Nieuw Nickerie	Marine Fuel 0.5%	Delivered	MFNNK00	MFNNK03	Suriname	South America Atlantic	API	Off-Nigeria	IFO380	Delivered	PUAGU00	PUAGU03	Nigeria	Africa	Assessment
Ningbo	IFO380	Delivered	B3NGB00	B3NGB03	China	East Asia	API	Off-Nigeria	MGO	Delivered	AARKL00	AARKL03	Nigeria	Africa	Assessment
Ningbo	MGO	Delivered	MGNGB00	MGNGB03	China	East Asia	API	Off-Abidjan	MGO	Delivered	MGI1200	MGI1203	Ivory Coast	Africa	API
Ningbo	LSMGO	Delivered	LGNGB00	LGNGB03	China	East Asia	API	Off-Abidjan	Marine Fuel 0.5%	Delivered	MFABD00	MFABD03	Ivory Coast	Africa	API
Ningbo	Marine Fuel 0.5%	Delivered	MFNGB00	MFNGB03	China	East Asia	API	Oran	LSMGO	Ex-Wharf	LGORN00	LGORN03	Algeria	Mediterranean & Black Sea	API
								Oran	MGO	Ex-Wharf	MGORN00	MGORN03	Algeria	Mediterranean & Black Sea	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Oran	Marine Fuel 0.5%	Ex-Wharf	MFORN00	MFORN03	Algeria	Mediterranean & Black Sea	API
Panama Canal	IFO380	Ex-Wharf	AAXWG00	AAXWG03	Panama	US Gulf & Caribbean	Assessment
Panama Canal	LSMGO	Ex-Wharf	AAXWI00	AAXWI03	Panama	US Gulf & Caribbean	Assessment
Panama Canal	Marine Fuel 0.5%	Ex-Wharf	APNMA00	MFBAE03	Panama	US Gulf & Caribbean	Assessment
Paradip	LMSGO	Delivered	AMFAN00	AMFAN03	India	South East Asia	API
Paramaribo	LSMGO	Ex-Wharf	LGPBM00	LGPBM03	Suriname	South America Atlantic	API
Paramaribo	Marine Fuel 0.5%	Ex-Wharf	MFPRB00	MFPRB03	Suriname	South America Atlantic	API
Paranam	LSMGO	Ex-Wharf	LGPRM00	LGPRM03	Suriname	South America Atlantic	API
Paranagua	MGO	Delivered	AMFAX00	AMFAX03	Brazil	South America Atlantic	API
Paranagua	Marine Fuel 0.5%	Delivered	AMFAA00	AMFAA03	Brazil	South America Atlantic	API
Papeete	MGO	Delivered	MGPPT00	MGPPT03	French Polynesia	Pacific	API
Papeete	LSMGO	Delivered	LGPPT00	LGPPT03	French Polynesia	Pacific	API
Paysandu	MGO	Delivered	MGPSN00	MGPSN03	French Polynesia	Pacific	API
Paranam	Marine Fuel 0.5%	Ex-Wharf	MFPRN00	MFPRN03	Suriname	South America Atlantic	API
Putian	LSMGO	Delivered	AMFDH00	AMFDH03	China	East Asia	API
Putian	Marine Fuel 0.5%	Delivered	AMFBK00	AMFBK03	China	East Asia	API
Mailiao	MGO	Delivered	MGMAL00	MGMAL03	Taiwan	East Asia	API
Mailiao	Marine Fuel 0.5%	Delivered	MFML004	MFML003	Taiwan	East Asia	API
Philadelphia	IFO380	Ex-Wharf	PUAFJ00	AAGRH00	USA	North America Atlantic	Assessment
Philadelphia	LSMGO	Ex-Wharf	AAWYW00	AAWYW03	USA	North America Atlantic	Assessment
Philadelphia	Marine Fuel 0.5%	Delivered	MFPAD00	MFPAD03	USA	North America Atlantic	Assessment
Piraeus	IFO380	Ex-Wharf	PUAFL00	PUAFL03	Greece	Mediterranean & Black Sea	Assessment
Piraeus	LSMGO	Ex-Wharf	POADG00	POADG03	Greece	Mediterranean & Black Sea	Assessment
Piraeus	Marine Fuel 0.5%	Ex-Wharf	MFPRD00	MFPRD03	Greece	Mediterranean & Black Sea	Assessment

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Pointe Noire	MGO	Delivered	MGPNR00	MGPNR03	Republic of Congo	Africa	API
Pointe Noire	Marine Fuel 0.5%	Delivered	MFPTN04	MFPTN03	Republic of Congo	Africa	API
Port Elizabeth	LSMGO	Delivered	LGPLZ00	LGPLZ03	South Africa	Africa	API
Port Elizabeth	Marine Fuel 0.5%	Delivered	MFPEZ00	MFPEZ03	South Africa	Africa	API
Port Kembla	IFO380	Delivered	B3UPK00	B3UPK03	Australia	Pacific	API
Port Kembla	LSMGO	Delivered	LGPKL00	LGPKL03	Australia	Pacific	API
Port Kembla	MGO	Delivered	MGUPK00	MGUPK03	Australia	Pacific	API
Port Kembla	Marine Fuel 0.5%	Delivered	MFKMB04	MFKMB03	Australia	Pacific	API
Port Klang	IFO380	Delivered	B3YPK00	B3YPK03	Malaysia	South East Asia	API
Port Klang	MGO	Delivered	MGYPK00	MGYPK03	Malaysia	South East Asia	API
Port Klang	Marine Fuel 0.5%	Delivered	MFPKL04	MFPKL03	Malaysia	South East Asia	API
Port Louis	LSMGO	Ex-Wharf	LGPLU00	LGPLU03	Mauritius	Africa	API
Port Louis	Marine Fuel 0.5%	Ex-Wharf	MFPTL00	MFPTL03	Mauritius	Africa	API
Port Muhammed Bin Qasim	LSMGO	Ex-Wharf	LGBQM00	LGBQM03	Pakistan	South Asia	API
Port Muhammed Bin Qasim	Marine Fuel 0.5%	Ex-Wharf	MFMBQ00	MFMBQ03	Pakistan	South Asia	API
Port Moresby	MGO	Delivered	MGPOM00	MGPOM03	Papua New Guinea	Asia	API
Port Moresby	LSMGO	Delivered	LGPOM00	LGPOM03	Papua New Guinea	Asia	API
Port Victoria	LSMGO	Ex-Wharf	LGPLU00	LGPLU03	Seychelles	Africa	API
Posyet	IFO380	Delivered	B328500	B328503	Russia	Asia	API
Posyet	MGO	Delivered	MG28500	MG28503	Russia	Asia	API
Posyet	Marine Fuel 0.5%	Delivered	MFPST00	MFPST03	Russia	Asia	API
Poti	LSMGO	Delivered	LGEPT00	LGEPT03	Georgia	Mediterranean & Black Sea	API
Pori	LSMDO	Delivered	LDPOR00	LDPOR03	Finland	North & West Europe	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Pori	<b>LSMGO</b>	Delivered	LGPOR00	LGPOR03	Finland	North & West Europe	API
Porvoo	<b>LSMGO</b>	Delivered	LGPRV00	LGPRV03	Finland	North & West Europe	API
Porvoo	<b>LSMDO</b>	Delivered	BDPRV00	BDPRV03	Finland	North & West Europe	API
Rauma	<b>LSDMO</b>	Delivered	LDRAU00	LDRAU03	Finland	North & West Europe	API
Rauma	<b>LSMGO</b>	Delivered	LGRAU00	LGRAU03	Finland	North & West Europe	API
Rousse	<b>LSMGO</b>	Delivered	LGROU00	LGROU03	Bulgaria	Mediterranean & Black Sea	API
Primorsk (Koivisto)	<b>LSMGO</b>	Delivered	LGPRI00	LGPRI03	Russia	North & West Europe	API
Primorsk (Koivisto)	<b>MGO</b>	Delivered	MGPRI00	MGPRI03	Russia	North & West Europe	API
Primorsk (Koivisto)	<b>ULSFO</b>	Delivered	UFPRI00	UFPRI03	Russia	North & West Europe	API
Primorsk (Koivisto)	<b>Marine Fuel 0.5%</b>	Delivered	MFPRM00	MFPRM03	Russia	North & West Europe	API
Puerto Cabello	<b>IFO380</b>	Ex-Wharf	B3PBL00	B3PBL03	Venezuela	US Gulf & Caribbean	API
Puerto Cabello	<b>MGO</b>	Ex-Wharf	MGPBL00	MGPBL03	Venezuela	US Gulf & Caribbean	API
Puerto la Cruz	<b>IFO380</b>	Ex-Wharf	B3PCZ00	B3PCZ03	Venezuela	US Gulf & Caribbean	API
Puerto la Cruz	<b>MGO</b>	Ex-Wharf	MGPCZ00	MGPCZ03	Venezuela	US Gulf & Caribbean	API
Punta Arenas	<b>LSMGO</b>	Delivered	LGPUQ00	LGPUQ03	Chile	South America Pacific	API
Rabigh	<b>IFO380</b>	Delivered	MFPTL00	MFPTL03	Saudi Arabia	Middle East	API
Rabigh	<b>MGO</b>	Delivered	MGRAB00	MGRAB03	Saudi Arabia	Middle East	API
Rabigh	<b>Marine Fuel 0.5%</b>	Delivered	MFRBG00	MFRBG03	Saudi Arabia	Middle East	API
Suape	<b>Marine Fuel 0.5%</b>	Delivered	AMFAH00	AMFAH03	Brazil	South America Atlantic	API
Qingdao	<b>IFO380</b>	Delivered	B3TA000	B3TA003	China	East Asia	API
Qingdao	<b>MGO</b>	Delivered	MGTA000	MGTA003	China	East Asia	API
Qingdao	<b>LSMGO</b>	Delivered	LGQGD00	LGQGD03	China	East Asia	API
Qingdao	<b>Marine Fuel 0.5%</b>	Delivered	MFQGD00	MFQGD03	China	East Asia	API
Qinhuangdao	<b>IFO380</b>	Ex-Wharf	B3SHP00	B3SHP03	China	East Asia	API
Qinhuangdao	<b>MGO</b>	Delivered	MGSHP00	MGSHP03	China	East Asia	API
Qinhuangdao	<b>LSMGO</b>	Delivered	LGQHD00	LGQHD03	China	East Asia	API
Qinhuangdao	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFQHD00	MFQHD03	China	East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Quang Ninh	<b>LSMGO</b>	Delivered	AWRDD00	AWRDD03	Vietnam	South East Asia	API
Quang Ninh	<b>Marine Fuel 0.5%</b>						
Quintero	<b>IFO380</b>	Delivered	B3QTV00	B3QTV03	Chile	South America Pacific	API
Quintero	<b>LSMGO</b>	Delivered	LGQTV00	LGQTV03	Chile	South America Pacific	API
Quintero	<b>Marine Fuel 0.5%</b>						
Ras Tanura	<b>IFO380</b>	Delivered	B3RTA00	B3RTA03	Saudi Arabia	Middle East	API
Ras Tanura	<b>MGO</b>	Delivered	MGRTA00	MGRTA03	Saudi Arabia	Middle East	API
Ras Tanura	<b>Marine Fuel 0.5%</b>						
Richards Bay	<b>LSMGO</b>	Ex-Wharf	LGRCB00	LGRCB03	South Africa	Africa	API
Richards Bay	<b>Marine Fuel 0.5%</b>						
Riga	<b>LSMGO</b>	Delivered	LGRIX00	LGRIX03	Latvia	North & West Europe	API
Riga	<b>MGO</b>	Delivered	MGRIX00	MGRIX03	Latvia	North & West Europe	API
Riga	<b>ULSFO</b>	Delivered	UFRIX00	UFRIX03	Latvia	North & West Europe	API
Riga	<b>Marine Fuel 0.5%</b>						
Rio Grande	<b>MGO</b>	Delivered	MGRIG00	MGRIG03	Brazil	South America Atlantic	API
Rio Grande	<b>Marine Fuel 0.5%</b>						
Rizhao	<b>IFO380</b>	Delivered	B3RZ000	B3RZ003	China	East Asia	API
Rizhao	<b>MGO</b>	Delivered	MGRZ000	MGRZ003	China	East Asia	API
Rizhao	<b>LSMGO</b>	Delivered	LGRZ000	LGRZ003	China	East Asia	API
Rizhao	<b>Marine Fuel 0.5%</b>						
Sines	<b>LNG</b>	Delivered	AMFAE00	AMFAE03	Portugal	North & West Europe	API
Rotterdam	<b>IFO380</b>	Delivered	PUAFN00	PUAFN03	Netherlands	North & West Europe	Assessment
Rotterdam	<b>LSMGO</b>	Delivered	AARTG00	AARTG03	Netherlands	North & West Europe	Assessment
Rotterdam	<b>Marine Fuel 0.5%</b>						
Rotterdam	<b>ULSFO</b>	Delivered	AARBF00	AARBF03	Netherlands	North & West Europe	Assessment
Salalah	<b>LSMGO</b>	Delivered	AMFDW00	AMFDW03	Oman	Middle East	API
Samsun	<b>LSMGO</b>	Delivered	LGSSX00	LGSSX03	Turkey	Mediterranean & Black Sea	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
San Antonio	<b>IFO380</b>	Delivered	B3SAI00	B3SAI03	Chile	South America Pacific	API
San Antonio	<b>LSMGO</b>	Delivered	LGSAI00	LGSAI03	Chile	South America Pacific	API
San Antonio	<b>Marine Fuel 0.5%</b>	Delivered	MFSAT00	MFSAT03	Chile	South America Pacific	API
San Francisco	<b>IFO380</b>	Ex-Wharf	PBADF00	AAGRZ00	USA	North America Pacific	Assessment
San Francisco	<b>LSMGO</b>	Ex-Wharf	AAWZE00	AAWZE03	USA	North America Pacific	Assessment
San Francisco	<b>Marine Fuel 0.5%</b>	Delivered	AMFSF00	AMFSF03	USA	North America Pacific	Assessment
San Vincente	<b>IFO380</b>	Delivered	B3SVE00	B3SVE03	Chile	South America Pacific	API
San Vincente	<b>LSMGO</b>	Delivered	LGSVE00	LGSVE03	Chile	South America Pacific	API
San Vincente	<b>Marine Fuel 0.5%</b>	Delivered	MFVCN00	MFVCN03	Chile	South America Pacific	API
Santa Marta	<b>LSMGO</b>	Delivered	LGSMR00	LGSMR03	Colombia	US Gulf & Caribbean	API
Santa Marta	<b>MGO</b>	Delivered	MGSMR00	MGSMR03	Colombia	US Gulf & Caribbean	API
Santa Marta	<b>Marine Fuel 0.5%</b>	Delivered	MFSMT04	MFSMT03	Colombia	US Gulf & Caribbean	API
Santos	<b>IFO380</b>	Delivered	B3GES00	B3GES03	Brazil	South America Atlantic	API
Santos	<b>LSMGO</b>	Delivered	AAXW000	AAXW003	Brazil	South America Atlantic	Assessment
Santos	<b>Marine Fuel 0.5%</b>	Delivered	MFSAD00	MFSAD03	Brazil	South America Atlantic	Assessment
Sao Sebastiao	<b>MGO</b>	Ex-Wharf	MGSS000	MGSS003	Brazil	South America Atlantic	API
Sao Sebastiao	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFSBS00	MFSBS03	Brazil	South America Atlantic	API
Savannah	<b>IFO380</b>	Ex-Wharf	AAXJR00	AAXJR03	USA	North America Atlantic	Assessment
Savannah	<b>MGO</b>	Ex-Wharf	AAWZF00	AAWZF03	USA	North America Atlantic	Assessment
Seattle	<b>IFO380</b>	Ex-Wharf	PBABB00	AAGSI00	USA	North America Pacific	Assessment
Seattle	<b>LSMGO</b>	Ex-Wharf	AAWZG00	AAWZG03	USA	North America Pacific	Assessment
Seattle	<b>Marine Fuel 0.5%</b>	Delivered	MFSED00	MFSED03	USA	North America Pacific	Assessment
Setubal	<b>LSMGO</b>	Ex-Wharf	LGSET00	LGSET03	Portugal	North & West Europe	API
Setubal	<b>MGO</b>	Ex-Wharf	MGSET00	MGSET03	Portugal	North & West Europe	API
Setubal	<b>Marine Fuel 0.5%</b>	Ex-Wharf	MFSTB00	MFSTB03	Portugal	North & West Europe	API
Shanghai	<b>IFO380</b>	Delivered	AARKD00	AARKD03	China	East Asia	Assessment
Shanghai	<b>MGO</b>	Delivered	AARKE00	AARKE03	China	East Asia	Assessment

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Shanghai	<b>LSMGO</b>	Delivered	AAXYR00	AAXYR03	China	East Asia	Assessment
Shanghai	<b>Marine Fuel 0.5%</b>						
Shekou	<b>LSMGO</b>	Delivered	AMFDA00	AMFDA03	China	East Asia	API
Shekou	<b>Marine Fuel 0.5%</b>						
Slavyanka	<b>IFO380</b>	Delivered	B388300	B388303	Russia	Asia	API
Slavyanka	<b>LSMGO</b>	Delivered	LG88300	LG88303	Russia	Asia	API
Slavyanka	<b>Marine Fuel 0.5%</b>						
Sines	<b>LSMGO</b>	Ex-Wharf	LGSIE00	LGSIE03	Portugal	North & West Europe	API
Sines	<b>MGO</b>	Ex-Wharf	MGSIE00	MGSIE03	Portugal	North & West Europe	API
Sines	<b>Marine Fuel 0.5%</b>						
Singapore	<b>IFO380</b>	Delivered	PUAFT00	PUAFT00	Singapore	South East Asia	Assessment
Singapore	<b>MGO</b>	Delivered	AALMZ00	AALNA00	Singapore	South East Asia	Assessment
Singapore	<b>LSMGO</b>	Delivered	AAXY000	AAXY003	Singapore	South East Asia	Assessment
Singapore	<b>MDO</b>	Delivered	MDSIN00	MDSIN03	Singapore	South East Asia	API
Singapore	<b>Marine Fuel 0.5%</b>						
Skagen	<b>IFO380</b>	Delivered	B3SKA00	B3SKA03	Denmark	North & West Europe	API
Skagen	<b>LSMGO</b>	Delivered	LGSKA00	LGSKA03	Denmark	North & West Europe	API
Skagen	<b>MGO</b>	Delivered	MGSKA00	MGSKA03	Denmark	North & West Europe	API
Skagen	<b>Marine Fuel 0.5%</b>						
Skagen	<b>ULSFO</b>	Delivered	UFSKA00	UFSKA03	Denmark	North & West Europe	API
Skikda	<b>LSMGO</b>	Delivered	LGSKI00	LGSKI03	Algeria	Mediterranean & Black Sea	API
Skikda	<b>MGO</b>	Delivered	MGSKI00	MGSKI03	Algeria	Mediterranean & Black Sea	API
Sovetskaya Gavan	<b>IFO380</b>	Delivered	B3SOG00	B3SOG03	Russia	East Asia	API
Sovetskaya Gavan	<b>MGO</b>	Delivered	MGSOG00	MGSOG03	Russia	East Asia	API
Sovetskaya Gavan	<b>Marine Fuel 0.5%</b>						
Sohar	<b>MGO</b>	Delivered	BGSOH00	BGSOH03	Oman	Middle East	API
Songxia	<b>LSMGO</b>	Delivered	AMFDI00	AMFDI03	China	East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source	Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Songxia	Marine Fuel 0.5%	Delivered	AMFBL00	AMFBL03	China	East Asia	API	Talcahuano	IFO380	Delivered	B3TAL00	B3TAL03	Chile	South America Pacific	API
St. Petersburg	IFO380	Delivered	AAHSU00	AAHSV00	Russia	North & West Europe	Assessment	Talcahuano	LSMGO	Delivered	LGTAL00	LGTAL03	Chile	South America Pacific	API
St. Petersburg	LSMGO	Delivered	AARTJ00	AARTJ03	Russia	North & West Europe	Assessment	Tallinn	LSMGO	Delivered	LGTL00	LGTL03	Estonia	North & West Europe	API
St. Petersburg	Marine Fuel 0.5%	Delivered	MFDPT00	MFDPT03	Russia	North & West Europe	Assessment	Tallinn	MGO	Delivered	MGTLL00	MGTLL03	Estonia	North & West Europe	API
St. Petersburg	ULSFO	Delivered	ALMPA00	ALMPA03	Russia	North & West Europe	API	Tallinn	Marine Fuel 0.5%	Delivered	MFTLN00	MFTLN03	Estonia	North & West Europe	API
St. Eustatius	IFO380	Delivered	B3EUX00	B3EUX03	Netherlands	US Gulf & Caribbean	API	Tallinn	ULSFO	Delivered	UFTLL00	UFTLL03	Estonia	North & West Europe	API
St. Eustatius	LSMGO	Delivered	LGEUX00	LGEUX03	Netherlands	US Gulf & Caribbean	API	Taman	IFO380	Delivered	B3UTA00	B3UTA03	Russia	Mediterranean & Black Sea	API
St. Eustatius	Marine Fuel 0.5%	Delivered	MFSTE00	MFSTE03	Netherlands	US Gulf & Caribbean	API	Taman	LSMGO	Delivered	LGUTA00	LGUTA03	Russia	Mediterranean & Black Sea	API
Suez	IFO380	Delivered	B3SUZ00	B3SUZ03	Egypt	Africa	API	Taman	Marine Fuel 0.5%	Delivered	MFTMN00	MFTMN03	Russia	Mediterranean & Black Sea	API
Suez	MGO	Delivered	MGSUZ00	MGSUZ03	Egypt	Africa	API	Tampa	MGO	Delivered	MGTPA00	MGTPA03	United States	US Gulf & Caribbean	API
Suez	LSMGO	Delivered	LGSUZ00	LGSUZ03	Egypt	Africa	API	Tampa	LSMGO	Delivered	LGTMP04	LGTMP03	United States	US Gulf & Caribbean	API
Suez	Marine Fuel 0.5%	Delivered	MFSUZ00	MFSUZ03	Egypt	Africa	API	Tauranga	IFO380	Delivered	B3TRG00	B3TRG03	New Zealand	Pacific	API
Surabaya	MGO	Delivered	MGSUB00	MGSUB03	Indonesia	South East Asia	API	Tauranga	LSMGO	Delivered	LGTRG00	LGTRG03	New Zealand	Pacific	API
Surabaya	Marine Fuel 0.5%	Delivered	MFSRB04	MFSRB03	Indonesia	South East Asia	API	Tauranga	MGO	Delivered	MGTRG00	MGTRG03	New Zealand	Pacific	API
Surabaya	LSMGO B35 0.05%	Delivered	AMFGF00	AMFGF03	Indonesia	South East Asia	API	Tauranga	Marine Fuel 0.5%	Delivered	MFTAU00	MFTAU03	New Zealand	Pacific	API
Suva	MGO	Delivered	MGSUV00	MGSUV03	Fiji	South Pacific Ocean	API	Tema	MGO	Delivered	MGTEM00	MGTEM03	Ghana	Africa	API
Suva	LSMGO	Delivered	LGSUV00	LGSUV03	Fiji	South Pacific Ocean	API	Tema	Marine Fuel 0.5%	Delivered	MFTEM00	MFTEM03	Ghana	Africa	API
Sydney	MGO	Delivered	AARKF00	AARKF03	Australia	Pacific	Assessment	Terneuzen	IFO380	Delivered	B3TNZ00	B3TNZ03	Netherlands	North & West Europe	API
Sydney	LSMGO	Delivered	MGDSY00	MGDSY03	Australia	Pacific	Assessment	Terneuzen	MGO	Delivered	MGTNZ00	MGTNZ03	Netherlands	North & West Europe	API
Sydney	Marine Fuel 0.5%	Delivered	MFDSY00	MFDSY03	Australia	Pacific	Assessment	Terneuzen	LSMGO	Delivered	LGTNZ00	LGTNZ03	Netherlands	North & West Europe	API
Taboneo	Marine Fuel 0.5%	Delivered	AWRDZ00	AWRDZ03	Indonesia	South East Asia	API	Terneuzen	Marine Fuel 0.5%	Delivered	MFTNZ00	MFTNZ03	Netherlands	North & West Europe	API
Taichung	MGO	Delivered	CBGAQ00		Taiwan	East Asia	API	Tianjin	IFO380	Ex-Wharf	B3TSN00	B3TSN03	China	East Asia	API
Taichung	Marine Fuel 0.5%	Delivered	CB1AS00		Taiwan	East Asia	API	Tianjin	MGO	Delivered	MGTSN00	MGTSN03	China	East Asia	API
Taizhou	IFO380	Delivered	AMFCF00	AMFCF03	China	East Asia	API	Tianjin	LSMGO	Delivered	LGTNJ00	LGTNJ03	China	East Asia	API
Taizhou	Marine Fuel 0.5%	Delivered	AMFBT00	AMFBT03	China	East Asia	API	Tocopilla	LSMGO	Delivered	LGTOQ00	LGTOQ03	Chile	South America Pacific	API
Taizhou	LSMGO	Delivered	AMFDQ00	AMFDQ03	China	East Asia	API	Tokyo	IFO380	Delivered	PUAEV00	PUAEV03	Japan	East Asia	Assessment

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Tokyo	MDO	Delivered	POACI00	POACI03	Japan	East Asia	Assessment
Tokyo	Marine Fuel 0.5%	Delivered	MFJPD00	MFJPD03	Japan	East Asia	Assessment
Trabzon	LSMGO	Delivered	LGTZX00	LGTZX03	Turkey	Mediterranean & Black Sea	API
Trincomalee	LSMGO	Delivered	LGTRR00	LGTRR03	Sri Lanka	South Asia	API
Trincomalee	Marine Fuel 0.5%	Delivered	MFTRC00	MFTRC03	Sri Lanka	South Asia	API
Trieste	MGO	Ex-Wharf	MGTRS00	MGTRS03	Italy	Mediterranean & Black Sea	API
Trieste	LSMGO	Ex-Wharf	LGTRS00	LGTRS03	Italy	Mediterranean & Black Sea	API
Trieste	Marine Fuel 0.5%	Ex-Wharf	MFTRS04	MFTRS03	Italy	Mediterranean & Black Sea	API
Trinidad OPL	LSMGO	Delivered	AMFDK00	AMFDK03	Trinidad and Tobago	North Atlantic Ocean	API
Trinidad OPL	Marine Fuel 0.5%	Delivered	AMFBN00	AMFBN03	Trinidad and Tobago	North Atlantic Ocean	API
Tromsø	LSMGO	Ex-Wharf	LGTOS00	LGTOS03	Norway	North & West Europe	API
Tromsø	MGO	Ex-Wharf	MGTOS00	MGTOS03	Norway	North & West Europe	API
Tuapse	IFO380	Delivered	B3TUA00	B3TUA03	Russia	Mediterranean & Black Sea	API
Tuapse	LSMGO	Delivered	LGTUA00	LGTUA03	Russia	Mediterranean & Black Sea	API
Tuapse	Marine Fuel 0.5%	Delivered	MFTUP00	MFTUP03	Russia	Mediterranean & Black Sea	API
Turku	LSMDO	Delivered	LDTKU00	LDTKU03	Finland	North & West Europe	API
Turku	LSMGO	Delivered	LGTKU00	LGTKU03	Finland	North & West Europe	API
Tuticorin	Marine Fuel 0.5%	Delivered	AWRDQ00	AWRDQ03	India	South Asia	API
Umm Qasr	IFO380	Delivered	B3UMQ00	B3UMQ03	Iraq	Middle East	API
Umm Qasr	LSMGO	Delivered	LGUMQ00	LGUMQ03	Iraq	Middle East	API
Ust-Luga	IFO380	Delivered	B3ULG00	B3ULG03	Russia	North & West Europe	API
Ust-Luga	LSMGO	Delivered	LGULG00	LGULG03	Russia	North & West Europe	API
Ust-Luga	MGO	Delivered	MGULG00	MGULG03	Russia	North & West Europe	API
Ust-Luga	Marine Fuel 0.5%	Delivered	MFULG00	MFULG03	Russia	North & West Europe	API
Ust-Luga	ULSFO	Delivered	UFULG00	UFULG03	Russia	North & West Europe	API
Valparaiso	IFO380	Delivered	PUAYR00	PUBDK03	Chile	South America Pacific	Assessment
Valparaiso	LSMGO	Delivered	PBABX00	PBABX03	Chile	South America Pacific	Assessment

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Valparaiso	Marine Fuel 0.5%	Delivered	AMFVA00	AMFVA03	Chile	South America Pacific	Assessment
Vancouver BC	IFO380	Delivered	AAJKU00	AAJKV00	Canada	North America Pacific	Assessment
Vancouver BC	LSMGO	Delivered	AAWYM00	AAWYM03	Canada	North America Pacific	Assessment
Vancouver BC	LSMGO	Ex-Wharf	AAWZH00	AAWZH03	Canada	North America Pacific	Assessment
Vancouver BC	Marine Fuel 0.5%	Delivered	MFVAD00	MFVAD03	Canada	North America Pacific	Assessment
Vanino	IFO380	Delivered	B3VNN00	B3VNN03	Russia	East Asia	API
Vanino	MGO	Delivered	MGVNN00	MGVNN03	Russia	East Asia	API
Vanino	Marine Fuel 0.5%	Delivered	MFVNN00	MFVNN03	Russia	East Asia	API
Varna	LSMGO	Ex-Wharf	LGVAR00	LGVAR03	Bulgaria	Mediterranean & Black Sea	API
Varna	Marine Fuel 0.5%	Ex-Wharf	MFVRN00	MFVRN03	Bulgaria	Mediterranean & Black Sea	API
Ventspils	LSMGO	Delivered	LGVNT00	LGVNT03	Latvia	North & West Europe	API
Ventspils	ULSFO	Delivered	UFVNT00	UFVNT03	Latvia	North & West Europe	API
Ventspils	Marine Fuel 0.5%	Delivered	BFVNT00	BFVNT03	Latvia	North & West Europe	API
Ventspils	MGO	Delivered	MGVNT00	MGVNT03	Latvia	North & West Europe	API
Visakhapatnam	LSMGO	Delivered	LGVSK00	LGVSK03	India	South Asia	API
Visakhapatnam	Marine Fuel 0.5%	Delivered	MFVSK00	MFVSK03	India	South Asia	API
Vidin	Marine Fuel 0.5%	Delivered	LGVDN00	LGVDN03	Bulgaria	Mediterranean & Black Sea	API
Vila do Conde	MGO	Delivered	MGVDC00	MGVDC03	Brazil	South America Atlantic	API
Vila do Conde	Marine Fuel 0.5%	Delivered	MFVDC00	MFVDC03	Brazil	South America Atlantic	API
Vladivostok	IFO380	Delivered	B3VVO00	B3VVO03	Russia	East Asia	API
Vladivostok	MGO	Delivered	MGVVO00	MGVVO03	Russia	East Asia	API
Vladivostok	Marine Fuel 0.5%	Delivered	MFVLD00	MFVLD03	Russia	East Asia	API
Vostochnyy	IFO380	Delivered	B3VYP00	B3VYP03	Russia	East Asia	API
Vostochnyy	MGO	Delivered	MGVYP00	MGVYP03	Russia	East Asia	API
Vostochnyy	Marine Fuel 0.5%	Delivered	MFVOS00	MFVOS03	Russia	East Asia	API
Vung Tau	LSMGO	Delivered	AWRDF00	AWRDF03	Vietnam	South East Asia	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Vung Tau	Marine Fuel 0.5%	Delivered	AWRDE00	AWRDE03	Vietnam	South East Asia	API
Walvis Bay	MGO	Ex-Wharf	MGWVB00	MGWVB03	Namibia	Africa	API
Wellington	MGO	Delivered	AMFAV00	AMFAV03	New Zealand	Pacific	API
Wilhelmshaven	IFO380	Delivered	B3WVN00	B3WVN03	Germany	North & West Europe	API
Wilhelmshaven	MGO	Delivered	MGWVN00	MGWVN03	Germany	North & West Europe	API
Wilhelmshaven	LSMGO	Delivered	LGWVN00	LGWVN03	Germany	North & West Europe	API
Wilhelmshaven	Marine Fuel 0.5%	Delivered	MFWLM00	MFWLM03	Germany	North & West Europe	API
Wilmington NC	MGO	Delivered	MGILM00	MGILM03	North Carolina	North America Atlantic	API
Wilmington NC	LSMGO	Delivered	LGILM00	LGILM03	North Carolina	North America Atlantic	API
Wilmington NC	Marine Fuel 0.5%	Delivered	MFWMG04	MFWMG03	North Carolina	North America Atlantic	API
Xiamen	MGO	Delivered	MGXMN00	MGXMN03	China	East Asia	API
Xiamen	LSMGO	Delivered	LGXMN00	LGXMN03	China	East Asia	API
Xiamen	Marine Fuel 0.5%	Delivered	MFXMN00	MFXMN03	China	East Asia	API
Xiuyu	Marine Fuel 0.5%	Delivered	AMFBM00	AMFBM03	China	East Asia	API
Xiuyu	LSMGO	Delivered	AMFDJ00	AMFDJ03	China	East Asia	API
Yanbu	IFO380	Delivered	MFXMN00	B3YNB03	Saudi Arabia	Middle East	API
Yanbu	MGO	Delivered	MGYNB00	MGYNB03	Saudi Arabia	Middle East	API

**Bunkerworld ports**

Port Name	Grade	Basis	CODE	Mavg	Country	Region Name	Source
Yanbu	Marine Fuel 0.5%	Delivered	MFYNB00	MFYNB03	Saudi Arabia	Middle East	API
Yangpu	Marine Fuel 0.5%	Delivered	AMFBH00	AMFBH03	China	East Asia	API
Yangpu	LSMGO	Delivered	AMFDD00	AMFDD03	China	East Asia	API
Yantai	IFO380	Ex-Wharf	AMFDZ00	AMFDZ03	China	East Asia	API
Yantai	Marine Fuel 0.5%	Delivered	AMFBX00	AMFBX03	China	East Asia	API
Yantai	LSMGO	Delivered	AMFDU00	AMFDU03	China	East Asia	API
Zhanjiang	LSMGO	Ex-Wharf	AMFDB00	AMFDB03	China	East Asia	API
Zhanjiang	Marine Fuel 0.5%	Delivered	AMFBE00	AMFBE03	China	East Asia	API
Zhanjiagang	IFO380	Delivered	AMFDF00	AMFDF03	China	East Asia	API
Zhanjiagang	LSMGO	Delivered	AMFDR00	AMFDR03	China	East Asia	API
Zhanjiagang	Marine Fuel 0.5%	Delivered	AMFBU00	AMFBU03	China	East Asia	API
Zhoushan	IFO380	Ex-Wharf	B3ZOS00	B3ZOS03	China	East Asia	API
Zhoushan	LSMGO	Ex-Wharf	MGZSD00	MGZSD03	China	East Asia	API
Zhoushan	Marine Fuel 0.5%	Delivered	MFZSD00	MFZSD03	China	East Asia	Assessment
Zona Comun	LSMGO	Delivered	LG10200	LG10203	Argentina	South America Atlantic	API
Zona Comun	Marine Fuel 0.5%	Delivered	MFZCM00	MFZCM03	Argentina	South America Atlantic	API

## Bunkerworld average price indications

Platts publishes Bunkerworld Average Price Indications (API) 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 seven fuel grades: Marine Fuel 0.5%, IFO380, IFO180, MDO, MGO, 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.

## **Bunkerworld 0.5% Index**

The BW0.5% 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

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, LSMDO, 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:

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

### The Bunkerworld 380 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

**November 2025:** Platts updated this guide to include new FuelEU CO2 Abatement EU ETS exclusive assessments, adjusted formatting and layout to accommodate expanding list of assessments.

In October 2025, Platts updated this guide to reflect the discontinuation of bio-bunker B30 Rotterdam FAME 0 calculated assessment, updated size reflected in B24 biobunkers LSFO Singapore assessments and launch of B30 biobunker Singapore assessments Oct. 1

**September 2025:** Platts updated this guide to include new FuelEU CO2 Abatement Assessments, which launched on September 1st.

**September 2025:** Completed an annual review of this guide. Amended delivery period in table for Montreal Delivered assessments. Made minor edits to language for greater clarity, corrected typos and gaps and errors in tables and maps.

**September 2025:** Amended assessment names and assessment method for B24 Singapore biobunker assessments, removed discontinued Bio-Bunkers B24 Singapore calculated assessment, added B24 HSFO Singapore biobunker assessments. Updated assessment methodology for Bio-Bunkers B30 Rotterdam UCOME and added Premium assessment.

**October 2024:** Completed annual review of this guide. Added details of new West Japan Marine Fuel 0.5% assessment, and new Bio-bunkers assessments. Removed discontinued Algoa Bay assessments and various 1% sulfur bunkers assessments in Europe.

**June 2024:** Platts updated this guide to reflect multiple Bunkerworld assessment launches and discontinuation.

**January 2024:** Platts updated this guide to reflect the discontinuation of the Petrobras bunkers posted prices for Santos, Paranagua and Rio de Janeiro.

**October 2023:** Completed annual review of this guide. Added details of Rotterdam and Singapore bio-bunkers assessments. Added Panama Canal Marine fuel 0.5% assessment. Tables were updated to include new Bunkerworld assessments and codes. Tables were updated to include new Lisbon Marine Gasoil assessment, and to remove Gdansk 380 CST and Marine Fuel 0.5% assessments. Changed name of Montreal barging assessment, as well as multiple assessment sizes in the Americas. Added Cristobal and Panama Canal Marine Fuel 0.5% assessments. Added 380 CST Zhoushan assessment. Updated LNG and LNG conversion factors.

**November 2022:** Platts updated this guide to reflect the launch of daily assessments for Marine Fuel 0.5% sulfur bunker delivered at key western ports in South Korea on Oct. 3, 2022. Platts also removed the monthly averages for Petrobras bunkers posted prices, which were discontinued in July, 2022.

**September 2022:** Completed annual review of this guide. Removed reference to 1% sulfur bunker assessments. Made minor edits to the language for greater clarity and corrected typos. **January 2022:** Platts updated the volumes reflected for Houston, New Orleans and all Panama ports for IFO 380, Marine Fuel 0.5%S and Marine Gasoil, from Nov. 1, 2021. Platts also updated this guide to reflect the discontinuation of the Brazilian posted prices for VLSFO and Marine Gasoil in Salvador, from Jan. 3, 2022. Platts adds European and Asian cost comparisons by calorific value. **September 2021:** 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 clarifies quality reflected in global Marine Fuel 0.5% assessments. Platts started reflecting offers from Platts-approved floating storage units as additional delivery points in its ex-wharf Singapore bunker assessments for 380 CST HSFO and Marine Fuel 0.5% sulfur from Sept. 1, 2021.

**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 a 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% 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.