

Beyond fuel.

Marine Physical Supply



World Fuel Services

Marine Physical Supply

Our mission is to create value for our business partners in energy and transportation by delivering innovative solutions and logistics through a global team of local professionals.

The marine physical segment offers innovative supply solutions whenever and wherever you need them. With 17 locations worldwide and growing, we supply more than 10,000 vessels annually – always with our commitment to safety, integrity, efficiency, and reliability.



World Fuel Services' HSSE and Quality Management Policy

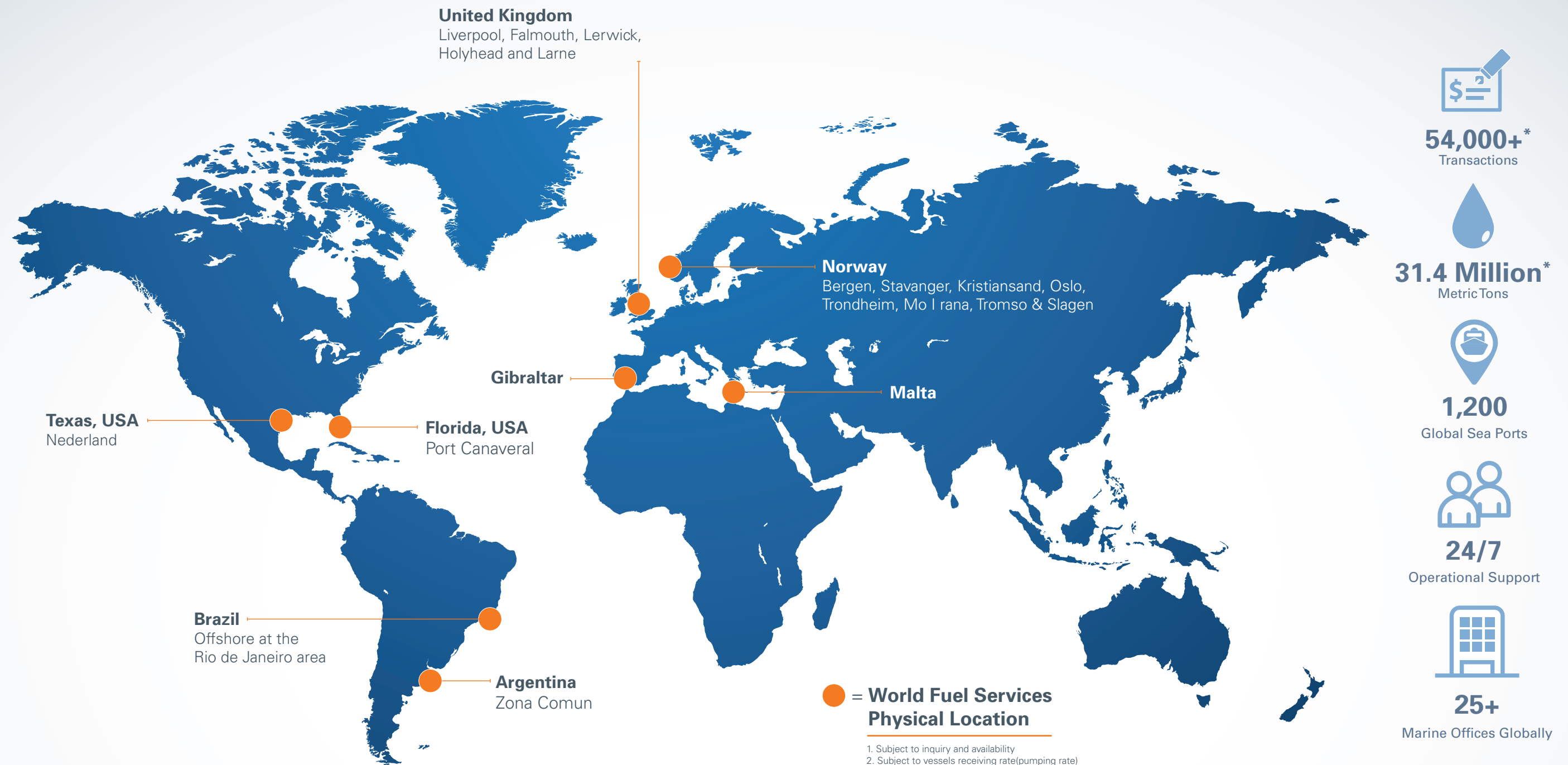
We adhere to the best industry practices, in terms of results and effectiveness, to ensure the safety and health of our employees, contractors, suppliers, community and customers, and protect the environment wherever we conduct business.

World Fuel Services' target is zero harm and no accidents with:

- A systematic approach to HSSE and Quality Management
- Full compliance with the law
- Targets to achieve continuous performance improvement
- Performance measurement, appraisals and reports
- Standards for contractors to manage HSSE in line with our policy
- Standards for joint ventures under our operational control to apply our policy and use it to influence other ventures

At World Fuel Services we are committed to:

- Do no harm to people, the environment, or equipment
- Publicly report on our performance
- Play a leading role in promoting industry best practices
- Pursue "best in class" performance across our business
- Manage HSSE as a critical business activity
- Promote a culture in which all WFS employees share this commitment



Beyond Fuel

It takes a strategic approach to purchasing marine fuel and lubricants to keep fleets moving on time and on budget. Get it wrong and your marine operations could be at risk.

There are many moving parts to get right

- A secure fuel and lubricants supply must be available wherever and whenever you need it
- Regulations have to be met – including the new global sulphur cap on marine fuels coming in 2020 and the new Mass Flow Meter regulations recently implemented in Singapore
- Fluctuating oil prices create opportunities as well as problems, make sure you are prepared to take advantage
- It's essential to reduce exposure to financial, technical, environmental and legal risks

Make the right choices by partnering with a financially secure counterparty with years of marine fuel and lubricants expertise.

Marine fuel capability at a glance:

- 54,000+ Transactions
- 1,200 Global sea ports
- 2,000+ Marine customers
- 31.4 Million metric tonnes
- 24/7 Operational support

At World Fuel Services, we offer much more than fuel. With marine services backed by solid technical expertise for complete operational support, our innovative solutions go beyond fuel to bring you:

- 24/7 Operational support
- Price risk management
- Claim management
- Technical support
- Credit & financial solutions
- Worldwide network

Overcoming marine challenges

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Make the right choices by partnering with a financially secure counterparty with years of marine fuel and lubricants expertise.

World Fuel Services delivers comprehensive fuelling solutions around the globe to:

- | | |
|----------------------|----------------------|
| • Bulk Carriers | • Tanker fleets |
| • Cargo fleets | • Reefer operations |
| • Cruise lines | • Military fleets |
| • Car carriers | • Super yachts |
| • Container fleets | • Government vessels |
| • Off-shore industry | |



Fuel management

World Fuel Services is one of the world's leading global suppliers of marine fuel. Our signature focus is on product quality, team responsiveness and surety of supply.

Marine fuel capability at a glance:

- 54,000+ Transactions
- 1,200 Global sea ports
- 2,000+ Marine customers
- 8.6 Billion gallons sold in 2015
- 24/7 Operational support

At World Fuel Services, we offer much more than fuel. With marine services backed by solid technical expertise for complete operational support, our innovative solutions go **beyond fuel** to bring you:

- 24/7 Operational Support
- Price Risk Management
- Claim Management
- Technical Support
- Credit & Financial Solutions
- Worldwide Network

With World Fuel Services managing the market's complexities, we have better control of our fuel spend and operational budget. //

VP, Global Operations
Marine Liner company

* Figures as of December 31, 2015

River Plate, Argentina

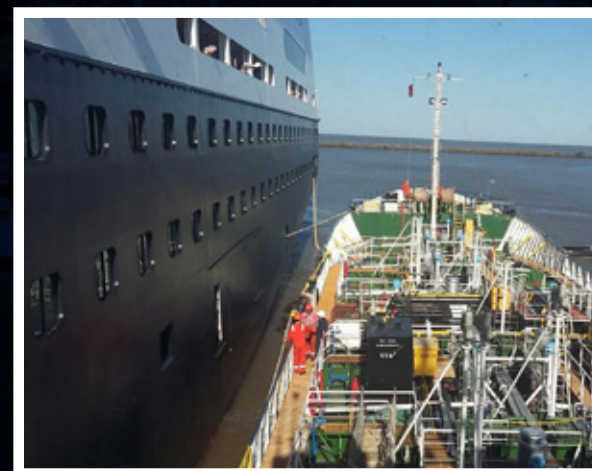
Bunkering in River Plate, Argentina, isn't always straightforward, which is why most operators use the Zona Comun location for their bunkering. However, working with a strong, reliable supplier who provides quality service, credit risk management and pricing solutions, you can easily supply bunkers for vessels in the various locations of the River Plate, essentially Zona Comun.

Did you know:

Argentina has been one of the world's leading producers of wine since the sixteenth century. It is currently the world's fifth-leading producer of wine with approximately 1,800 wineries today.

Current Assets:

- MT Gustavo U
- IFO Capacity 2500mtons
- MGO capacity 400mtons
- Maximum pumpin rate: 250mtons/hr
- Sole macro distributor for Shell lubricants, with three key located storage facilities at Rosario, Buenos Aire and Comodoro Rivadavia.



Rio De Janeiro, Brazil

In Rio de Janeiro, MGO can be delivered to the Guanabara Bay area by barge. Trucks are loaded at Caxias terminal, hauled to barge loading points, and transferred onboard the barge. It is all coordinated via our experienced supply and operations team to ensure a high quality experience.

Did you know:

Rio de Janeiro is named for a river that doesn't exist. According to tradition, the region was visited in January 1502 by Portuguese explorers who believed the bay they encountered was actually the mouth of a river. They named the area Rio de Janeiro or "River of January."

Current Assets:

- MT APOLO capacity: 3,200mtons MGO
- MARFORT capacity: 740mtons MGO
- Maximum pumping rate: 150mtons / hr
- Fleet: 8 trucks with 40mtons capacity
- Caxias terminal MGO storage capacity: 1,600mtons
- Agreement with prominent survey company for quantity and quality control

Port Canaveral, Florida, USA

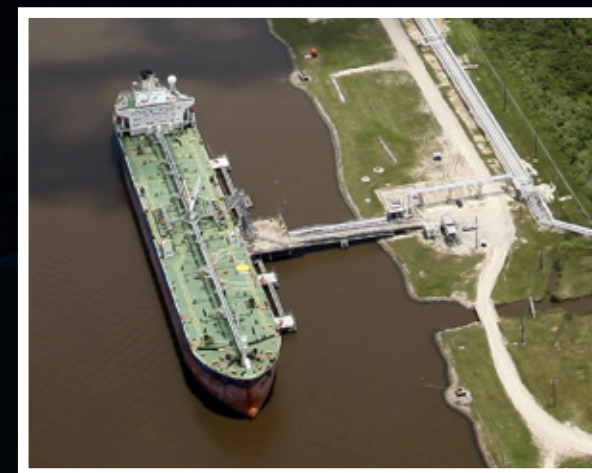
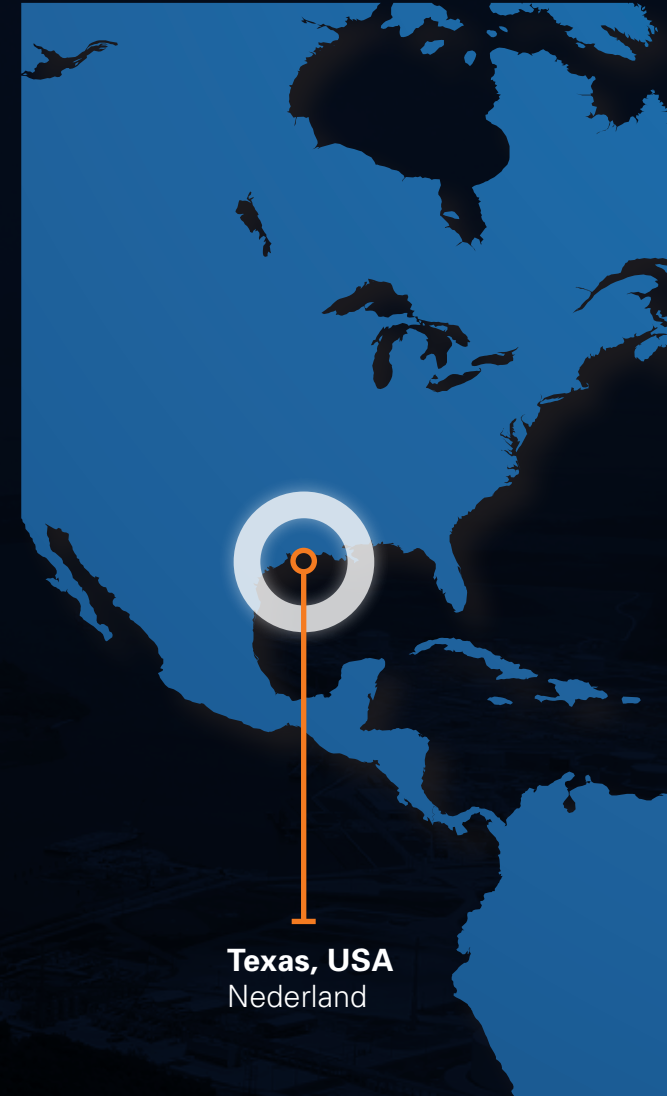
A strong bunker supply infrastructure established in Port Canaveral, via exclusive agreement and with onsite storage facilities, WFS deliver quality fuel products and services via pipeline, truck and barge to Cruise Terminal 1, Tanker Berth 1, South Cargo Pier 3 & 4

Did you know:

The idea of developing a port at this location was first conceived in the 1880s, but dredging didn't commence until 1951 and the first port manager was announced in 1954. The following year commercial shipping began, but it wasn't until 1964 that cruise traffic appeared at the port.

Current Assets:

- IFO ex-pipe delivery and MGO truck delivery
- Storage capacity: 22,000mtons
- Ex-pipe maximum pumping rate: 350mtons / hr
- Barge delivery available through trusted third-party



Nederland, Texas, USA

WFS is the exclusive supplier of marine fuel at the Nederland terminal and supplies RMG 380 and MGO 0.1% Sulfur via ex-pipe at Docks 1 / 2 / 3 and 4. If a vessel is calling at Dock 5 and requires bunkers, with advance notice, we can shift the dock to one that can supply ex-pipe.

The large marine terminal is strategically located on the Sabine-Neches waterway between Beaumont and Port Arthur, Texas.

Did you know:

Nederland was founded in 1897 by Dutch settlers. The word Nederland literally translates to Lowland and is the Dutch name for the Netherlands.

Current Assets:

- Storage capacity: 3.6 million mtons crude oil, 140,000mtons NGLs
- IFO maximum pumping rate: 350mtons / hr
- MGO maximum pumping rate: 155mtons / hr
- IFO capacity: 19,000mtons
- MGO capacity: 4,000mtons

Liverpool, United Kingdom

WFS have a unique and unrivalled supply position in Liverpool, with a purpose built 30kt bulk liquid terminal and the UK's most modern bunker barge, the "Mersey Endurance". Two further coastal tankers regularly supply ports from the Bristol Channel to Belfast, and these, together with three further terminals and access to over 400 road tankers, enable deliveries to all ports in the UK and Ireland with the highest quality marine fuels and lubricants.

Did you know:

As a major international port Liverpool was heavily bombed during World War II, causing significant damage to much of the city. Unlike many surrounding buildings, 30 James Street – headquarters of the RMSTitanic's operator Cunard-White Star Line – remained standing after the attack.

Current Assets:

- Mersey Endurance capacity: 940mtons HSFO, 620mtons MGO; maximum pumping rate: 400mtons / hrs HSFO, 150mtons / hrs MGO
- Keewhit capacity: 1530mtons HSFO, 315mtons MGO; maximum pumping rate: 350mtons/hrs HSFO, 155mtons / hrs MGO
- Mersey Spirit capacity: 1590mtons HSFO / 430mtons MGO; maximum pumping rate: 275mtons / hrs HSFO, 175mtons / hrs MGO

United Kingdom,
Lerwick



United Kingdom,
Liverpool

United Kingdom,
Falmouth



Falmouth, United Kingdom

Falmouth forms the third deepest natural harbor in the world and the deepest harbor in Western Europe. Ship operators often use Falmouth as a geographic bunker location due to its advantageous position at the start of the European ECA zone. Ships can bunker ECA-compliant fuel at anchor before entering the NW Europe ECA or the US / Canada ECA.

Did you know:

Falmouth is one of seven original Post Office Packet Service stations and was used to carry mail to and from British embassies, colonies, and outposts around the world. The location was especially favorable to get past enemy naval ships during times of war in the 18th and 19th centuries.

Current Assets:

- Whit Navigator barge delivery : 1800DWT
- Barge capacity: 1,050mtons HSFO / 500mtons MGO, maximum pumping rate: 290mtons / hr
- Storage capacity: 30,000mtons in total.
- On-site testing laboratory

Lerwick, United Kingdom

At the crossroads of the North Sea and the Atlantic, Lerwick is the most northerly commercial harbour in the UK. With two entrances, the sheltered, deep-water port is open to shipping in all weathers and operates around the clock, handling over 5,000 vessels annually. Lerwick offers safe, reliable bunkering and modern, versatile facilities for a wide variety of users including fishing fleets, offshore industry vessels, and cruise liners. There are seven berths, with up to nine metres' water depth.

Did you know:

The name Lerwick means bay of clay. The corresponding Norwegian name is Leirvik – leir meaning clay and vik meaning bay or inlet. Evidence of human settlement in the Lerwick area dates back 3,000 years, centered on the Broch of Clickimin, which was constructed in the first century BC.

Current Assets:

- 9000mt storage capacity Lerwick/Scalloway
- 20 delivery points
- 2.5km pipeline

Gibraltar

At the prestigious Western Arm Terminal, Gib Oil, a WFS brand, offers high quality fuels and lubricants to yachts and merchant vessels. MGO is delivered via ex-pipe or if you combine your IFO requirement we can deliver via a fleet of barges.

Did you know:

The Rock of Gibraltar has been a natural defense to protect Gibraltar and has stopped countless attempted invasions. If not for the rock, Gibraltar would not be what it is today.

Current Assets:

- Storage capacity: 18 tanks, 3,200mtons MGO / AGO
- Additional 13,350mtons storage facility for MGO only
- Barge capacity spread: 3,500-6,000mtons HSFO / 1,000-3,000mtons MGO
- All barges deliver both HSFO and MGO
- Ex-pipe minimum pipe fill: 5mtons, maximum pumping rate: 80mtons / hr



Malta

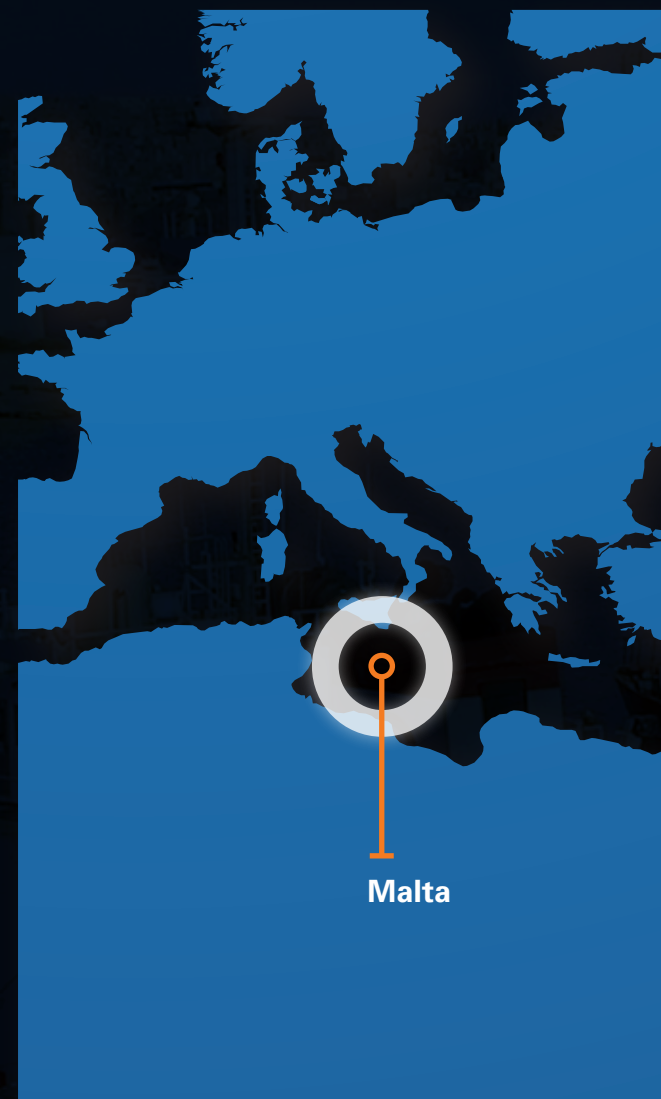
At Malta, bunker-only calls are frequent but the weather can be difficult. With a strong physical setup and close collaboration with barge operators and suppliers, we have the established partnership with MOBC physical inventory to offer competitive solutions for any vessel in need of high quality marine fuels and lubricants.

Did you know:

Maltese fishing boats are painted in bright colors with a pair of eyes on each side – a tradition which goes back to ancient Phoenician times. These are the eyes of Osiris which are said to protect the fishing boats from evil spirits.

Current Assets:

- Storage capacity: 9 tanks, 45,000mtons
- Storage by product: 36,900mtons HFSO, 3,900mtons MGO, 2,300mtons AGO, 1,600mtons AGO-PIPE, 42mtons biodiesel
- Maximum pumping rate: 350mtons / hr



Norway

WFS have a strong partnership together with Uno-X and Esso-Norway, giving access to strategic storage facilities across Norway and are responsible for all logistics including ex-pipe, truck, and barge delivery. Offering fast turnaround and competitive rates, WFS can deliver from Kristiansand in the South to Tromsø in the North.

Did you know:

By the end of 1969, it was clear that there were large oil and gas reserves in the North Sea. The first oil field was Ekofisk, which produced 427,442 barrels of crude in 1980. Subsequently, large natural gas reserves have also been discovered and it was specifically this huge amount of oil found in the North Sea that made Norway's separate path outside the EU possible.

Current Assets:

- Barge, truck and ex-pipe in multiple locations of Norway
- Total tank capacity: 28,000mtons
- Maximum pumping rate up to 355mtons per hour* depending on vessel receiving rate.
- Truck delivery: 35mtons / truck, maximum pumping rate: 42mtons / hr



Bergen

- Barge (minimum quantity: 100mtons)
- Ex-pipe pipe fill minimum: 10mtons, maximum pumping rate: 135mtons / hr
- Truck delivery

Stavanger

- Barge ex-pipe (Dreyersholmen): maximum pumping rate: 90mtons, maximum draft: 9 meters
- Truck delivery

Kristiansand

- Ex-pipe pipe fill maximum pumping rate: 32mtons / hr, maximum draft: 8 meters
- Truck delivery

Oslo

- Truck delivery

Trondheim

- Ex-pipe maximum pumping rate: 100mtons / hr
- Truck delivery

Mo I Rana

- Truck delivery

Tromsø

- Ex-pipe pipe fill maximum pumping rate: 120mtons / hr, maximum draft: 11.5 meters, maximum length: 160 meters
- Truck delivery

Porsgrunn

- Truck delivery

World Fuel Services

We deliver trusted supply, global logistics, and innovative technology solutions that create value for our customers and business partners.

RELIABLE FUEL
& LUBRICANT SUPPLY

Oil & Energy
Procurement

- High-quality marine fuel, both contract and spot supply
- OEM approved lubricants from major manufacturers backed by outstanding technical support

GLOBAL NETWORK,
LOCAL PROFESSIONALS

Distribution
& Storage

- Single-source provider for convenient, extensive supply beyond what any single supplier can offer
- Team of local professionals for local expertise around the world

TRUSTED
OPERATIONAL SUPPORT

Operations
Support

- 24/7 operational support from our well-trained, local professionals
- All suppliers vetted for fuel quality, legal compliance, and sanction checks
- Support with regulations and 2020 fuel planning

MITIGATED RISK AND
STABILIZED CASH FLOWS

Financial
Solutions

- Customized price-risk management solutions to help you manage price volatility
- Highly effective, customized physical and financial fuel price risk management programs to meet your budgetary requirements

INDUSTRY LEADING
CONSULTING SERVICES

Consulting
Services

- Best-in-class quality control and claims management support from our in-house marine fuel technical team
- Specialized knowledge and expertise in marine fuel and lubricant quality, environmental regulations, fuel testing and shipboard engineering

TECHNOLOGY
SOLUTIONS WITH YOUR
BUSINESS IN MIND

Technology
Solutions

- BunkerLine offers automated, real-time bunker procurement with a full audit trail and reporting. No hardware, software, or maintenance costs, complimentary to WFS customers

*2015 company statistics



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