

West African oil hits sweet spot as shipping upgrades to cleaner fuel



LONDON (Reuters) – African states like Chad and Cameroon are shaping up to be big winners from new rules to cut sulfur emissions from ships, providing just the right type of oil to produce cleaner fuels.

Only around 1% of the world's crude oil exports are heavy and sweet varieties, ideal for refining into fuel with a maximum 0.5% sulfur content mandated by International Maritime Organization (IMO) rules coming into force worldwide on Jan. 1.

The regulations will tighten limits from the 3.5% sulfur levels allowed now, aiming to improve human health by reducing air pollution.

West African oil, mostly outside the continent's top exporter

Nigeria, is set to provide the “Holy Grail” for these IMO 2020 fuels, according to market research firm ClipperData.

Nearly three-quarters of the world’s exports of heavy sweet crude – defined as oil with less than 0.5% sulfur content – come from the region, with Angolan Dalia, Chadian Doba Blend and Cameroonian Lokele alone making up most of that portion.

(Graphic: Heavy sweet crude exports link: [here\(2\).png](#))

“The new environmental regulation starts in January, but preparation has already begun. Refiners need to ready their supply streams and learn how to best prepare for a low sulfur future,” said Josh Lowell, senior energy analyst at ClipperData.

“Even though trading houses and refiners are keeping their strategy and timing close to their chest, it’s clear certain West African grades really stand to benefit.”

Prices for the coveted oil are already soaring.

According to price reporting agency Argus, Doba has vaulted to 75 cents above dated Brent this month from 60 cents below at the beginning of 2018, while Dalia went from a 60 cent discount to a \$2.50 premium over the same period.

By Wednesday, traders said Angolan state oil company Sonangol was offering Dalia at \$3.00 above dated Brent and similar grade Girassol at \$3.20.

“Outages from Iran and Venezuela after U.S. sanctions, ramped up Chinese demand and the IMO rules around the corner – all these factors have been quite supportive for medium to heavy sweet grades,” one seller of Angolan crude told Reuters.

Because much of Angola’s oil is bound to flow to China per term agreements, interest has mounted in grades trading more freely on the market.

Oil from landlocked Chad, piped south-westward and exported by sea via Cameroon, has increased in volume since new fields came online this year and is being increasingly snapped up in the world's key refining hubs.

"Recent flows of Doba have seen it head to suppliers already providing very low-sulfur fuel oil (VLSFO) to the market," analytics firm Vortexa said.

"Going forward, we expect continued demand from the Fujairah and Rotterdam bunkering and blending hubs, as well as from the U.S. Atlantic coast."

Industry sources say trading giant Vitol bagged all three cargoes of Doba scheduled for export in August, with at least one bound for Fujairah in the United Arab Emirates, where refinery re-tooling is underway ahead of the rules, also known as IMO 2020.

The rule changes are requiring massive investment as refiners cut sulfur content in their output. ExxonMobil completed a \$1 billion unit at its Antwerp refinery last year to upgrade high-sulfur fuel into various types of diesel, including the variant mandated by the IMO 2020 rules.

Germany's Uniper upgraded its plant in Fujairah earlier this year to produce fuel oil with a content of 0.1% to 0.5% sulfur, while Vitol's Fujairah refinery is already producing compliant fuels.

In a sign that the quest is afoot for comparable grades further afield, cargoes of Argentinian Escalante and Brazilian Ostra grades were also bound for Fujairah this month for the first time ever, according to Refinitiv Eikon data.

Likewise, the bunkering hub at Singapore took on more cargoes of heavy sweet Australian crude at record prices since March than in all previous years combined.

<https://www.reuters.com/article/us-shipping-imo/west-african-oil-hits-sweet-spot-as-shipping-upgrades-to-cleaner-fuel-idUSKCN1VC16C>

Trafigura to take stake in Frontline in \$675mn deal



Frontline has agreed to buy 10 Suezmax oil tankers from Trafigura in a cash and share deal worth up to \$675mn which will make the Geneva-based trading firm the group's second biggest shareholder.

Under the terms of the deal Trafigura will take an 8.5% stake in Frontline valued at \$128mn, and will receive a cash payment of between \$538mn and \$547mn, the companies said yesterday.

The agreement will allow Frontline, which is controlled by Norwegian-born billionaire John Fredriksen, to boost its future dividends, the Oslo-listed tanker operator said.

Frontline and Trafigura, together with dry bulk shipping firm

Golden Ocean, announced a marine fuel partnership earlier this month ahead of a shake-up in regulation that will enforce cleaner fuels for ships.

Frontline has agreed to time-charter all the 10 vessels, which were built this year and fitted with exhaust gas cleaning systems known as scrubbers that will help them meet the upcoming marine fuels rules, until the deal closes.

"The price is reasonable, and they are (fitted) with scrubbers so... I think it's cheap," Frontline chief executive Robert Hvide Macleod told Reuters. "The market is about to firm considerably so I think the timing is good."

Crude tanker freight rates have been under pressure for the best part of 2019 but are expected to improve later this year, lifted in part by the upcoming fuel regulations.

Frontline also has an option to buy a further four vessels and agreed to charter five of the vessels back to Trafigura for three years at a daily base rate of \$28,400 with a 50% profit share above the base rate, the trading firm said in a statement.

At a price of about \$66.5mn to \$67.4mn per vessel based on Thursday's Frontline closing price, the deal is in line with current market values, according to an Arctic Securities research note.

"We see the timing of adding high-end tankers with scrubbers at current prices as very compelling, just as the market starts to move," the brokerage added. "(We) see today's announcement as an attractive deal ahead of the market recovery."

A newbuild Suezmax tanker currently costs above \$60mn to order, not including costs for scrubbers, and delivery won't take place until 2021, Macleod said.

"What is interesting about the Suezmax market is that there has been very little delivered over the last year and there is virtually nothing on the order book. So the fleet profile is looking healthy," he added.

Frontline's shares rose following the announcement, trading 5.3% higher at 0926 GMT.

Trafigura sees “significant upside potential in our equity investment in Frontline, a company with vast commercial scale and capabilities with whom we already enjoy a close working relationship”, its Global Head of Wet Freight Rasmus Bach Nielsen said in the statement. The cash boost will also help the trading firm reduce its debt profile as the end of its financial year on September 30 approaches.

Trafigura needs to maintain a healthy level of equity as a guarantee against debt with its bank lenders.

The firm has struggled with keeping a cap on its debt but managed to hit its targeted ratio of below 1.0 times for adjusted debt to equity during its 2018 financial year.

However, this ratio rose in the first half of 2019 to 1.16 times. Its total debt was at nearly \$33bn as of March 31 this year, out of which \$24bn is current debt.

Frontline’s fleet will consist of 75 vessels after the transaction, including newbuilds.

Fredriksen currently holds around 46.6% of the Oslo-listed tanker operator’s shares and will see his stake diluted to around 42% by the deal, according to a Reuters calculation.

Gazprom eyes Eurobond issue in July



Gazprom PJSC is considering testing the market's appetite for its debt this year by issuing Eurobonds through a Russian or UK unit said a person familiar with the company's plans. The Russian gas producer is working to set up a UK unit because a legal spat with JSC Naftogaz Ukrainy makes it difficult to use its existing Luxembourg-based financial arms, the person said, asking not to be named because the plans aren't public. Earlier this month, a court in Luxembourg confirmed the Ukrainian company's right to demand a freeze of Gazprom's local assets and debt. The energy giant may use the British unit by the end of the year for a small Eurobond issue, the person said. Since December 2018, securities legislation also allows Russian corporate issuers to make direct placements of Eurobonds compliant with foreign regulations, without needing to use a special purpose vehicle, or SPV, based overseas. Gazprom does not need external financing, so any bond issue would be mainly aimed at gauging investors' enthusiasm for the assets, the person said. Gazprom's spokesman Sergei Kupriyanov declined to comment. Gazprom issued \$1.25bn of Eurobonds in February, in what became the biggest single-tranche dollar transaction for the company since 2009. Investors initially bid more than \$5.5bn amid positive sentiment for emerging-market bonds. Investors

will have an appetite for Gazprom's new debt as long as the issuer is located in a safe jurisdiction, Lutz Roeh- Meyer, chief investment officer at Berlin-based Capitulum Asset Management GmbH, said by e-mail. "Which SPV is doing it, is unimportant," he said, adding that he views both the UK and Luxembourg as safe. Gazprom has said it has enough liquidity as it aims to complete three major gas pipeline projects this year – Nord Stream 2 to Europe, TurkStream to Turkey and Power of Siberia to China. Last week, it raised a further \$2.2bn when its subsidiaries sold quasi-treasury shares equivalent to 2.9% of the company to an unidentified buyer. Gazprom's legal battle with Ukraine is over multibillion-dollar gas transit debt payments. The Russian company has been trying to fence off Naftogaz's attempts to arrest its assets across Europe with mixed success.

BP can't sell tainted oil as market struggles to deal with crude



Bloomberg/London

Russia's contaminated oil crisis isn't over yet – at least not for the traders trying to find a home for the cargoes they unwittingly bought.

BP Plc, the London-based oil giant, failed to find a purchaser for more than 700,000 barrels of Urals crude that got loaded onto a tanker almost three months ago at a port in the Baltic Sea, people with knowledge of a sales tender said, asking not to be identified because the matter is private. The cargo has excessive levels of organic chlorides that could damage a refinery if not removed.

In late April, it emerged that Russia was inadvertently sending millions of barrels laced with the contaminant through its Druzhba pipeline system to refineries across Europe, a situation that eventually caused flows to be halted. Some barrels also got sent to the port of Ust-Luga in the Baltic, where BP and other companies loaded them onto tankers.

Russia's pipeline operator Transneft said last month that it would pay \$15 a barrel in compensation to Belarus for supplies sent by pipeline. Its eastern neighbour said recompense should not be dictated.

It's unclear what traders have been told about compensation.

There was insufficient interest in the cargo for BP to be able to sell it, the people said. The shipment has an organic chloride content of about 29 parts per million. It needs to be less than 10. A spokesman for BP declined to comment.

There are still about 5mn barrels of the tainted oil on tankers in northwest Europe, Singapore and other locations, according to traders and tanker tracking data compiled by Bloomberg. That represents about 40% of the roughly 12mn barrels that were on ships at one stage during the height of the contamination crisis.

Oil Tankers' Tracking Signals Are Vanishing in the Strait of Hormuz



Oil tanker owners are finding a way to reduce the risks of navigating the Strait of Hormuz, the world's most important – and lately most dangerous – energy chokepoint: vanish from global tracking systems.

Copying from Iran's own playbook, at least 20 ships turned off their transponders while passing through the strait this month, tanker-tracking data compiled by Bloomberg show. Others appear to have slightly altered their routes once inside the Persian Gulf, sailing closer than usual to Saudi Arabia's coast en route to ports in Kuwait or Iraq.

Before the latest increase in tensions with Iran, ships were more consistent about signaling their positions as they passed through a waterway that handles a third of seaborne petroleum. Once inside the Gulf, shipping routes took them fairly close to the Iranian coast, skirting the offshore South Pars/North gas field shared by Iran and Qatar. Most still do, but a growing number appear to be trying something new.

It's little surprise that ships are doing everything possible

to minimize risk. The Gulf region has witnessed a spate of vessel attacks, tanker seizures and drone shoot-downs since May, all against the backdrop of U.S. sanctions aimed at crippling Iran. War-risk insurance soared for tanker owners seeking to load cargoes in the region.

Two British warships are now situated in the waters around Hormuz where they were recently escorting the nation's ships. The U.S. 5th Fleet also permanently operates in the region. On Wednesday, the Norwegian Maritime Authority advised the country's flagged vessels to minimize transit time in Iran's territorial waters. Tanker captains have become increasingly nervous about the risks of getting caught up in the conflict.

See QuickTake on the Strait of Hormuz

At least 12 vessels loaded in Saudi Arabia and shut off their transponders while passing through the strait within the past month. They include the supertanker Kahla, which turned off its signal on July 20 before passing through the strait. It reappeared two days later on the other side of the waterway.

Likewise, at least eight vessels that loaded in Iraq and Kuwait went dark while leaving the Strait of Hormuz. A vessel shipping from the U.A.E. also dropped off tracking systems.

The apparent shutdown of signals coincides with a slew of disruptions in the region. On July 11, the Royal Navy intervened to prevent Iran from impeding a tanker operated by BP Plc from passing through Hormuz. Three days later, Iran seized a Panama-flagged vessel. On July 19, Iranian forces took control of a British-flagged tanker in retaliation for similar action by U.K. authorities. The vessel, the Stena Impero, remains impounded.

Oil Industry Poised to Attack as Trump Boosts Ethanol in Fuels



Oil industry foes are preparing to go to court to fight the Environmental Protection Agency regulation issued Friday that allows year-round sales of higher-ethanol E15 gasoline nationwide.

The agency's final rule offers ethanol producers and corn farmers the promise of greater market access and demand – but the coming legal battle will be the true test of that potential.

The regulation fulfills President Donald Trump's promise to unleash ethanol sales and is a potent show of support to Midwestern farmers who are suffering from Chinese tariffs on soybeans, flooding that destroyed stockpiled grain and a deluge of rain that has delayed plantings. With some 37% of

America's corn production going to ethanol mills, any regulatory move lifting demand for the fuel could buttress farmers who helped propel Trump to the White House.

Iowa Republican leaders and biofuel industry boosters will celebrate the shift with EPA's Region 7 administrator during an event at Elite Octane LLC's dry mill ethanol plant in Atlantic, Iowa later Friday. Trump is expected to address the issue during a visit to the state next month.

The EPA rule waives E15 gasoline containing 15% ethanol from vapor pressure requirements that have blocked sales from June 1 to September 15 in areas where smog is a problem, said Bill Wehrum, the assistant administrator for the EPA Office of Air and Radiation. That should cause "a bump" in sales at the roughly 1,200 filling stations that already sell E15 today, while encouraging more of them to offer it, Wehrum told reporters on a conference call.

"Over time, we believe and the industry believes you will see more E15 sold as the infrastructure in the gasoline distribution system and especially at gas stations catches up to the availability of this fuel," Wehrum said. This is going to result in a "substantial increase" in E15 sales, he said.

At Trump's direction, the EPA bundled the E15 shift with modest changes meant to boost transparency and prevent price manipulation in the trading of credits used by refiners to prove compliance with annual biofuel blending quotas. Large integrated oil companies, including ExxonMobil Corp., BP America Inc. and Chevron Corp., had argued against the EPA's initial proposal of more aggressive trading limitations.

Wehrum said the agency would continue examining allegations of market manipulation and respond to them if needed. "We're applying the theory of first do no harm," he said, noting that proposed position limits and sale requirements "could reduce the flexibility of the market and the efficiency of the market." While the agency takes the issue seriously, he said, the EPA has not yet found clear evidence of significant

manipulation.

Senator Joni Ernst, a Republican from Iowa, praised the EPA's action, saying it would mean more consumer choice and savings at the pump.

"The president had made this promise a long time ago: He was really going to work hard for farmers' support and the Renewable Fuel Standard," she said by phone. "And he's coming through with that promise at a time when it's desperately needed. It's something we were going to work toward anyway, but it does bring much-needed relief at a very critical time for our farmers."

Ethanol is already a staple of America's fuel supply, accounting for about 10% of total consumption. Biofuel boosters who have lobbied for the regulatory shift are betting 15% will eventually emerge as the standard. Green Plains Inc. Chief Executive Officer Todd Becker said this month that the higher blend puts in play "year-round demand growth of at least 200 million gallons of annualized incremental demand as only the starting point."

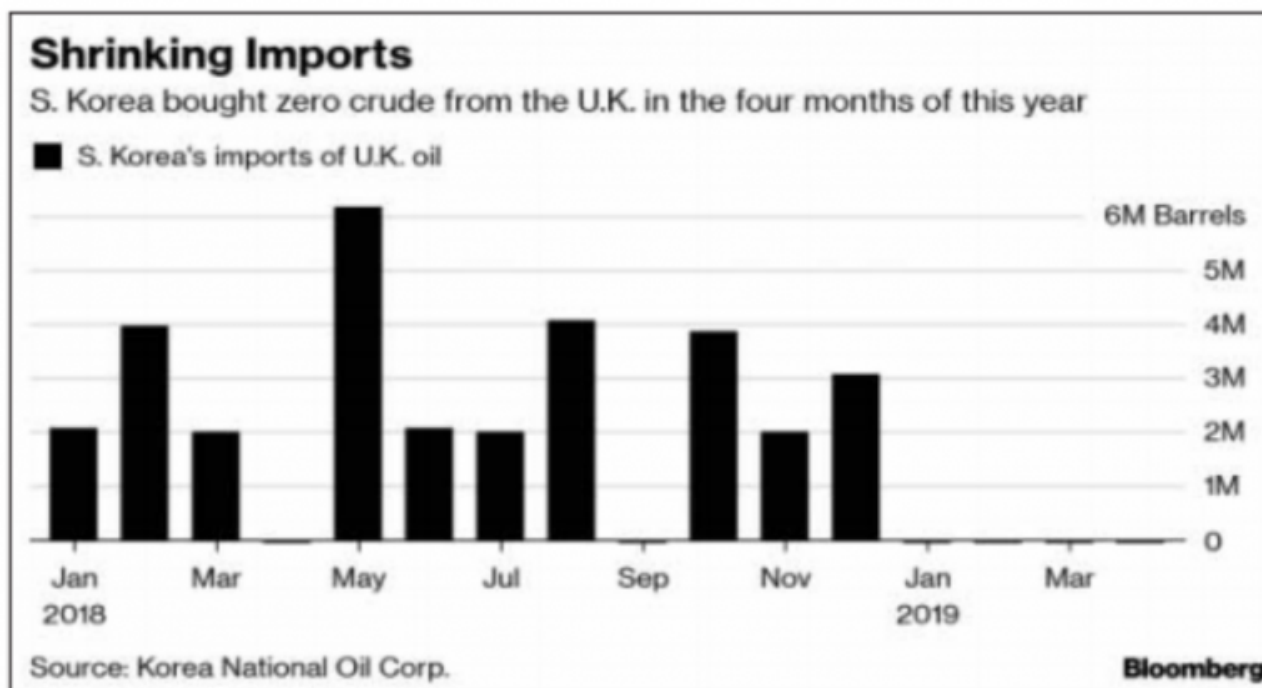
That would come at the expense of oil.

"This action by EPA makes no sense and is contrary to the law, congressional intent and decades of agency precedence," said Frank Macchiarola, a group director at the American Petroleum Institute. "We will challenge it vigorously."

The American Petroleum Institute previewed its legal argument in public comments, arguing that the agency is flouting the plain text of the Clean Air Act by extending an existing waiver to E15. Marathon Petroleum Corp. warned the EPA's move to consider E15 "substantially similar" to conventional E10 gasoline is "arbitrary and capricious" – a fatal failing under a federal law governing rulemaking. And the American Fuel and Petrochemical Manufacturers insisted the EPA is taking action previously rejected by Congress.

Ethanol advocates argue the EPA is on solid legal footing. The agency's move to grant a waiver to E15 "reflects the best, most natural reading" of the Clean Air Act, and that higher-ethanol blend is substantially similar to E10, said Growth Energy Chief Executive Officer Emily Skor.

UK oil's appeal returns for S Korea even as Brexit looms



After staying away for four months, South Korea is back in the market for North Sea crude. Hyundai Oilbank Co bought 2mn barrels of North Sea Forties crude for August delivery, a rare purchase this year, said traders who asked not to be identified because the information is private. The import was made after refiners in the Asian nation were given incentives to look beyond the Middle East for oil, and it followed a discharge of UK crude in May, the first such purchase this year. South Korea imported zero oil from the United Kingdom in

the first four months of this year as the possibility of Brexit threatened to erode the appeal of the crude to one of Asia's top refining hubs. Britain's exit will mean the return of a 3% import tariff on Forties purchases that was waived by South Korea under a free-trade agreement with the European Union since 2011. While the Asian country is a steady buyer of UK oil, purchasing an average of over 2.6mn barrels a month in 2018, refiners were reluctant to bring cargoes earlier this year as the government delayed renewing a freight rebate scheme that encouraged purchases from regions other than the Middle East. The very-large crude carrier Farhah is scheduled to load Forties crude from Hound Point on June 20 for delivery to Daesan in August, according to traders and shipping fixtures compiled by Bloomberg. Last month, supertanker Athenian Freedom also made a similar voyage, discharging a smaller cargo of the grade, ship-tracking data showed. Hyundai Oilbank operates a refinery in Daesan with crude processing capacity of 650,000 barrels a day.

Chevron wins 90-day Venezuela waiver despite opposition



Bloomberg/Houston

Chevron Corp and four oil services companies won a last-minute US government reprieve to continue producing oil in Venezuela, albeit only for a 90-day period.

The US Treasury Department supported Chevron's request to extend its sanctions waiver by six months, but the majority of other government agencies involved opposed any extension at all, a senior administration official told reporters on a call on Friday. President Donald Trump backed a compromise between the two positions, resulting in the three-month time period.

The extension allows San Ramon, California-based Chevron to essentially keep the lights on and the facility running, but another extension will be harder, the official said.

The company has operated in Venezuela for almost a century, since the discovery of the Boscan field in the 1920s. It has outlasted many other oil companies, including Exxon Mobil Corp, which left after a series of industry nationalisations during Hugo Chavez's tenure as president.

The US Treasury Department's Office of Foreign Assets Control said in a statement Friday that Chevron can continue its joint venture with state-owned Petroleos de Venezuela SA until October 25. The previous waiver was due to end yesterday.

Oilfield service companies Schlumberger Ltd, Halliburton Co, Baker Hughes and Weatherford International Plc were also allowed to continue their work in Venezuela for three months. Chevron closed 1.5% lower in New York, at \$123.72.

It's a partial victory for Chevron that leaves the Trump administration with the option of pulling the company out later this year. The impact of any eventual refusal of a Chevron waiver is rising as other production falters, giving the company a bigger and bigger size of the market in the country, the official said.

"Our advice to Chevron would be to start preparing to leave after October," Joseph McMonigle, an analyst for HedgeEye Risk Management, wrote in a note. "We are highly doubtful there will be another extension granted." While Venezuela only accounted for 1% of Chevron's global crude production last year, it remains strategically important as home to the world's largest oil reserves. As the only US major still in the country, it could be first in line for any investments under a new government.

"Our operations in Venezuela continue in compliance with all applicable laws and regulations," Chevron spokesman Ray Fohr said in an e-mailed statement.

In recent months, Chevron made the case to the Trump administration that if it were to leave, its Venezuelan assets could easily be turned over to another operator with little effect on overall production. That could mean the state, or even Russian or Chinese interests would benefit.

The ruling "does indicate Chevron has the ear of key government officials," said Muhammed Ghulam, a Houston-based analyst at Raymond James & Associates.

Venezuela has seen its oil output drop precipitously in recent years. Production is currently below 800,000 barrels a day, down from as much as 3.71mn in 1970, according to data from the oil ministry. At least half of that oil is produced by joint ventures with foreign companies.

Chevron's joint ventures with PDVSA produce more crude in Venezuela on average than those with other companies –

including China National Petroleum Corp and Russia's Rosneft Oil Co. The US producer only receives a portion of that supply, however, amounting to about 40,000 barrels a day from its Venezuelan affiliate in 2018.

The US has refused to recognise Nicolas Maduro as Venezuela's president after an election last year. Sanctions have become its main tool for depriving Maduro of cash and pressuring the military to turn against him.

Earlier this week, Venezuela's opposition-led National Assembly issued a decree that guaranteed Chevron's assets in the country would be protected under a new government led by Juan Guaido.

Oil purchases from Venezuela have become complicated since the US expanded its sanctions regime to include any business done with PDVSA, as the national oil company is also known. Other companies, including Spain's Repsol SA and Italy's Eni SpA, continue to do business with Venezuela.

Halliburton second-quarter profit beats analysts' estimates



(Reuters) – Halliburton Co (HAL.N) on Monday reported a second-quarter profit that beat analysts' estimates as its largest oil-well services unit exceeded expectations, sending shares to their biggest one-day gain in nearly three years.

The Houston-based oilfield company is the largest provider of hydraulic fracturing services in North America, a segment of the business that has been hard-hit by overcapacity, making it difficult to raise prices.

Halliburton Chief Executive Officer Jeff Miller said that market remains oversupplied and the company idled equipment during the quarter and will continue to do so. It has also taken steps to cut costs by reorganizing its North American business.

Halliburton shares, which have declined nearly 18.2% this year, closed up 9.15%, or \$1.99 a share, to \$23.74, marking the largest percentage gain since November 2016.

Revenues for the Completion and Production unit, which provides hydraulic fracturing services and tools to complete

oil and gas wells, rose 4% from the prior quarter to \$3.8 billion. Margins were boosted by cost-cutting and maximizing equipment usage, Miller said on a conference call.

The company cut the number of North American employees by 8% in the second quarter, spokeswoman Emily Mir said on Monday.

Byron Pope, an oilfield analyst for Tudor, Pickering, Holt & Co, said, "The magnitude of the improvement in the Completions and Production margin performance" was encouraging, adding that it was good to hear the company publicly acknowledge that it has idled equipment.

Despite the improvements, CEO Miller warned investors that third-quarter activity would decline as producer customers continue to focus on reducing spending.

"We expect that activity in North America will be slightly down in the third quarter. We anticipate the slowdown to be more pronounced in the gassier basins due to persisting lower gas prices," he said.

Halliburton posted a strong increase in revenue from international markets, jumping more than 12% to \$2.60 billion, in contrast to the 13.2% decline in North America to \$3.33 billion.

"Momentum is building internationally and activity improvement should continue into 2020," Miller said in a statement.

Rival Schlumberger NV (SLB.N) on Friday reported a profit increase on demand from markets outside North America.

Net profit attributable to Halliburton fell 85% to \$75 million, or 9 cents per share, in the quarter, hurt by impairments and other charges.

Excluding one-time items, the company earned 35 cents per share, beating Wall Street's average estimate of 30 cents per share, according to IBES data from Refinitiv.

Revenue fell 3.5% to \$5.93 billion and missed estimates of \$5.97 billion.

Reporting by Nishara Karuvalli Pathikkal and Arathy S Nair in Bengaluru, and Liz Hampton in Houston; editing by Steve Orlofsky and Grant McCoolOur Standards:The Thomson Reuters Trust Principles.

IEA ready to act quickly to keep global oil market supplied



PARIS (Reuters) – The International Energy Agency (IEA) is closely monitoring developments in the Strait of Hormuz and ready to take swift action if needed to keep the global oil market supplied, it said on Monday.

The Paris-based agency said the right of free energy transit

through the strait was critical to the global economy and must be maintained.

Iranian Revolutionary Guards seized British-flagged oil tanker Stena Impero at the Strait of Hormuz on Friday in apparent retaliation for the British capture of an Iranian tanker two weeks earlier.

Oil prices rose on Monday on concerns that Iran's seizure the tanker could lead to supply disruptions in the energy-rich Gulf. [O/R]

The Strait of Hormuz is a vital maritime transit route for world energy trade. About 20 million barrels of oil, or about 20% of global supply, are transported through the strait each day, the IEA said.

"The IEA is ready to act quickly and decisively in the event of a disruption to ensure that global markets remain adequately supplied," it said, adding that executive director Fatih Birol has been in talks with IEA member and associate governments as well as other nations that are major oil consumers or producers.

"Consumers can be reassured that the oil market is currently well supplied, with oil production exceeding demand in the first half of 2019, pushing up global stocks by 900,000 barrels per day," the IEA said in a statement.

countries hold 1.55 billion barrels of public emergency oil stocks. In addition, 650 million barrels are held by industry under government obligations and can be released as needed, it said.

The stocks are enough to cover any supply disruptions from the strait for an extended period, it added without saying how long that might be.

Reporting by Bate Felix; Editing by David Evans and David

Goodman

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<https://www.reuters.com/article/us-mideast-iran-ia/iea-ready-to-act-quickly-to-keep-oil-market-supplied-idUSKCN1UH1SN>