

RIM Crude/Condensate Price Assessment Methodology COPYRIGHT©2015 RIM Intelligence Co All Rights Reserved

Price Assessment Principle

RIM price assessments indicate the current range in which a standard spot transaction and bids/offers could take place on the day of publication.

RIM understands values of commodities change even in the absence of deals or bids/offers. RIM defines prices as measures to indicate fluctuating values of commodities.

RIM understands values of commodities are determined by a variety of factors such as supply-demand fundamentals, production costs, conditions in other markets and players' speculation.

RIM understands the latest transactions, bids/offers and buying/selling interest represent current values of commodities.

RIM understands values of commodities are determined by competition among sellers and competition among buyers. RIM considers higher bids to be closer to the current values than lower bids. RIM considers lower offers to be the closer to current values than higher offers.

RIM understands prices for each transaction reported from any party are to be translated into prices based on standard terms and conditions such as cargo sizes, timing of delivery or loading, product specifications and payment terms.

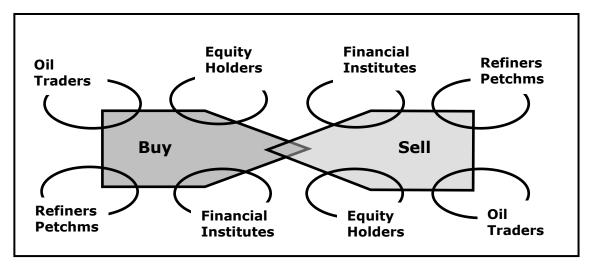
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CASH/PAPER CRUDE

RIM assesses values of cash WTI, cash *BFO, cash Dubai and four swaps contracts: Dubai swaps, Oman MOG swaps and Murban OSP swaps, as of 2:30 PM in Tokyo time. All prices are assessed based on information collected in the course of market research by RIM reporters each business day.

STRUCTURE of the CASH CRUDE (FUTURES/FORWARD) MARKETS

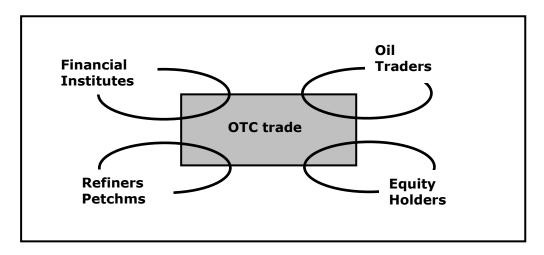


RIM understands that Cash Crude Oil markets are structured with four groups of business parties: Oil Traders, Oil Refiners/Petrochemical firms, Financial Institutes and Equity Holders. Trade takes place as buying interest and selling interest match with each other.

RIM defines the four cash crude oil market business parties as follows:

Oil Trader	A company that trades physical crude oil/condensate as its main trading item and derivative products based on crude oil values as a hedging tool against risks associated with its trading of physical crude oil/condensate.
Oil Refiner/ Petrochemical firm	with its trading of physical crude oil/condensate. A company that buys physical crude oil as feed material to run its refining facilities and trades derivative products based on crude oil values as a hedging tool against risks associated with its purchases of physical crude oil. A
	petrochemical firm mainly buys condensate for use at its condensate splitters, but sometimes resells condensate.
Financial Institute	A company that trades derivative products based on crude oil values as one of its trading items. A Financial Institute that trades derivative products based on crude oil and naphtha values typically holds positions in physical crude oil markets as well.
Equity Holder	A company that holds equity in oil and gas fields from which it produces and/or sells physical crude oil/condensate into the international market and trades derivative products based on crude oil values as a hedging tool against risks associated with sales of physical crude oil/condensate.

STRUCTURE of the CRUDE OIL SWAPS MARKET



RIM understands that the Crude oil swaps market is structured with four groups of business parties: Financial Institutes, Oil Traders, Oil Refiners/Petrochemical firms and Equity Holders. RIM assesses values of crude oil swaps at which a standard transaction could take place through "over-the-counter" method of trade.

RIM defines the four business parties in the swaps market as follows:

Oil Trader	A company that trades physical crude oil/condensate as
	its main trading item and derivative products based on
	crude oil values as a hedging tool against risks associated
	with its trading of physical crude oil/condensate.
Oil Refiner/	A company that buys physical crude oil/condensate as
Petrochemical firm	feed material to run its refining facilities/condensate
	splitters and trades derivative products based on crude oil
	and naphtha values as a hedging tool against risks
	associated with its purchases of physical crude
	oil/condensate.
Financial Institute	A company that trades derivative products based on
i manciai Institute	crude oil values as one of its trading items. A Financial
	Institute that trades derivative products based on crude
	oil and naphtha values typically holds positions in
	physical crude oil markets as well.
Equity Holder	A company that holds equity in oil and gas fields from
	which it produces and/or sells physical crude
	oil/condensate into the international market and trades
	derivative products based on crude oil values as a
	hedging tool against risks associated with sales of
	physical crude oil/condensate.
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<Cash WTI>

Assessment Window	RIM's assessment window for cash WTI crude oil closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	During the period from the first day to the 25th of the month, the front-month refers to the following month of the current calendar month. During the period from the 26th to the last day of the month, the front-month shifts to a month after the following month of the current calendar month.
Standard Size	All prices are for cargoes of 500,000bbl. Prices for smaller or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were the standard volume.

<BFO>

*BFO refers to the three grades, Brent, Forties and Oseberg.

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Assessment Window	RIM's assessment window for BFO crude oil closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to the prior month of the front-month for Brent crude futures traded on the Intercontinental Exchange. The front-month shifts to the following month in line with the contract expiry for ICE Brent.
Standard Size	All prices are for cargoes of 500,000bbl. Prices for smaller or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were the standard volume.

^{*}The above change will be effective from Apr 16, 2013.

<DTD Brent>

<pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre>	
Assessment Window	RIM's assessment window for DTD Brent crude oil closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to the prior month of the front-month for Brent crude futures traded on the Intercontinental Exchange. The front-month shifts to the following month in line with the contract expiry for ICE Brent.
Standard Size	All prices are for cargoes of 500,000bbl. Prices for smaller or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were the standard volume.

<Cash Dubai>

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Assessment Window	RIM's assessment window for cash Dubai crude oil closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to a month after the following month of the current calendar month.
Standard Size	All prices are for cargoes of 500,000bbl. Prices for smaller

or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were the
standard volume.

<Dubai Swaps>

When prevailing prices for Dubai swaps lack in the market, reporters may use related indications such as the Exchange of Futures for Swaps (EFS) for WTI and Brent crude and the EFS values for Brent and Dubai to assess the swaps values.

Assessment Window	RIM's assessment window for Dubai crude swaps closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to the current calendar month of the day of publication. The front-month shifts to the following month on the first business day of the month.
Standard Size	All prices are for contracts of 50,000-200,000bbl. Prices for smaller or larger contracts are to be translated into estimated values that the prices could be if the contracts were within the standard volumes.

<P.Tapis>

<DME/Dubai>

- *The DME/Dubai swaps contract refers to the price spread between DME swaps values and Dubai swaps values.
- *DME/Dubai swaps should be read as "DME/Dubai" from 11th from November, 2007

Assessment Window	RIM's assessment window for the DME/Dubai swaps closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to the current calendar month of the day of publication. The front-month shifts to the following month on the first business day of the month.
Standard Size	All prices are for contracts of 25,000-500,000bbl. Prices for smaller or larger contracts are to be translated into estimated values that the prices could be if the contracts were within the standard volume.

^{*}Tapis paper was suspended as of May 2, 2011.

<Murban OSP Swaps>

*The Murban OSP swaps contract refers to the price spread between Dubai swaps values and the monthly official selling price for Murban crude.

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Assessment Window	RIM's assessment window for the Murban crude OSP swaps closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to the current calendar month of the day of publication. The front-month shifts to the following month on the first business day of the month.
Standard Size	All prices are for contracts of 25,000-500,000bbl. Prices for smaller or larger contracts are to be translated into estimated values that the prices could be if the contracts were within the standard volume.

<DTD/Dubai>

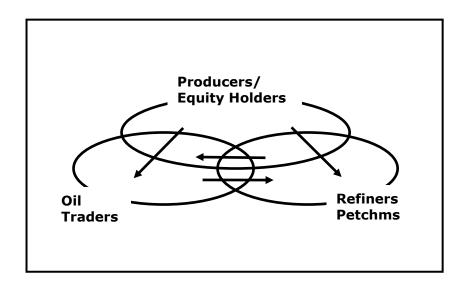
*The DTD/Dubai swaps contract refers to the price spread between DTD Brent swaps values and Dubai swaps values.

Assessment Window	RIM's assessment window for the DTD/Dubai swaps closes at 2:30 PM Tokyo time on the day of publication.
Price Unit	All prices are in \$/bbl.
Time Window	The front-month refers to the prior month of the front-month for Brent crude futures traded on the Intercontinental Exchange. The front-month shifts to the following month in line with the contract expiry for ICE Brent.
Standard Size	All prices are for contracts of 25,000-100,000bbl. Prices for smaller or larger contracts are to be translated into estimated values that the prices could be if the contracts were within the standard volume.

PHYSICAL CRUDE/CONDENSATE

RIM assesses spot values of Crude Oil/Condensate produced in and supplied from Middle East, Asia, Africa and Other Areas by monitoring prices for certain grades transacted in the Middle Eastern market, Asian market, African market and other markets.

STRUCTURE of the PHYSICAL CRUDE OIL/CONDENSATE MARKET



RIM understands that the physical crude/condensate markets are structured with three groups of business parties: Producers/Equity holders, Traders and Refiners/Petrochemical firms. RIM assesses physical crude oil/condensate prices at which a standard spot transaction could take place.

RIM defines a standard physical crude oil/condensate spot market transaction as follows:

Case 1	A producer sells a crude oil/condensate cargo to a trader on a spot basis.
Case 2	A producer sells a crude oil/condensate cargo to a refiner/petrochemical firm on a spot basis.
Case 3	A trader sells a crude oil/condensate cargo to another trader or a refiner/petrochemical firm on a spot basis.
Case 4	A refiner/petrochemical firm sells a crude oil/condensate cargo to another refiner/petrochemical firm or a trader on a spot basis.

RIM defines the three business parties in the physical crude oil/condensate market as follows:

Producer	A company that produces and exports crude oil/condensate.	
Equity Holder	A company that holds equity in oil and gas fields from which it produces and/or sells physical crude oil/condensate into the international market.	
Oil Trader A company that buys and sells physical crude oil/con		
	in the international market.	
Oil Refiner/ A company that buys physical crude oil/condensate as		
Petrochemical firm material to run its refining facilities/condensate splitter		

1. Middle East Crude/Condensate

RIM assesses spot values of the following grades as of 2:30 PM Tokyo time. All prices are assessed based on information collected in the course of market research by RIM reporters each business day. Reporters take into account quality differences of the below-indicated crude grades, which vary occasionally reflecting market fundamentals of downstream refined oil products and petrochemical products.

Dubai, Oman, Murban, Das, Upper Zakum, Qatar Land, Qatar Marine, Al Shaheen, Banoco Arab Medium, Basrah Light, Iran Light, Iran Heavy, Masila, Marib Light and D.F. condensate (D.F.C), L.S. condensate(L.S.C.)

Premiums and Discounts

Premiums/discounts for each grade are to be added to official selling prices set or agreed on by governments or equivalent authorities, whole month Dubai quote values and Dated Brent crude values.

Outright Values

The outright price is comprised of two components; premiums or discounts and the official selling prices or benchmark crude values indicated in the table below. In the event that trade lacks a prevailing fixed price, reporters may use crude swaps values available in the market to assess the outright values of crude oil/condensate.

Grade	Benchmark	Grade	Benchmark
Dubai	Whole month Dubai quote	Al Shaheen	Whole month Dubai Quote
Oman	OSP by Oman Oil & Gas Co and Whole month Dubai quote	Arab Medium	OSP for Arab Medium by Saudi Aramco
Murban	OSP by Abu Dhabi National Oil Corp	Basrah Light	OSP by Iraq's State Oil Marketing Organization
Lower Zakum	Suspended from Jul 2014	Iran Light	OSP by National Iranian Oil Co
Umm Shaif	Suspended from Jul 2014	Iran Heavy	OSP by National Iranian Oil Co
Upper Zakum	OSP by Abu Dhabi National Oil Corp	Masila	Dated Brent
Qatar Land	OSP by Qatar Petroleum	Marib Light	Dated Brent
Qatar Marin	OSP by Qatar Petroleum	D.F. condensate	Whole month Dubai Quote
L.S. condensate	Whole month Dubai Quote	Das	OSP by Abu Dhabi National Oil Corp

^{*}D.F.condensate is Deodrised Field condensate

^{*}L.S.condensate is Low Sulpher condensate

Assessment Window	RIM's assessment window for the Physical
	Crude/Condensate < Middle East Crude/Condensate >
	closes at 2:30 PM Tokyo time on the day of publication.
Price Unit and	All prices are in \$/bbl on FOB.
structure	
Time Window	RIM uses a discrete window for its assessment of Middle

	East crude oil. All prices are for cargoes to be loaded in the month after the following month of the current calendar month.	
Standard Size	All prices are for cargoes of 500,000bbl. Prices for smaller or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were the standard volume.	
Loading Ports	All prices are for cargoes to be loaded at main exporting ports of each crude/condensate grade.	

2. Asian Crude/Condensate

RIM assesses spot values of the following grades as of 2:30 PM Tokyo time. All prices are assessed based on information collected in the course of market research by RIM reporters each business day. Reporters take into account quality differences of the below-indicated crude grades, which vary occasionally reflecting market fundamentals of downstream refined oil products and petrochemical products.

(Indonesian Crude/Condensate)

Minas, Cinta, Widuri, Duri, Lalang, Handil Mix, Attaka, Belida, Ardjuna, Arun Condensate, Walio, Senipah Condensate

(Others)

Tapis, Labuan, Thevenard, North West Shelf Condensate, Mutineer Exeter, Kutubu, Laminaria, Varanus, Gippsland, Cossack, Van Gogh, Pyrenees, Le Gendre, Seria Light, Daqing, Enfield, Sty Barrow, Vincent, Bach Ho, Rang Dong, Su Tu Den, Kikeh, Kitan, T.G.T. (Te Giac Trang), Chim Sao, Miri, Kimanis

Premiums and Discounts

Premium/discount for each grade is to be added to the Indonesian Crude Price (ICP), DTD Brent and the official selling prices set or agreed on by the Chinese government.

Outright Values

The outright price is comprised of two components; premiums or discounts and the official selling prices and published quotes indicated in the table below. In the event that trade lacks a prevailing fixed price, reporters may use crude swaps values available in the market to assess the outright values of crude oil/condensate.

Grade Benchmark		Grade	Benchmark
Indonesian Crude	OSP by Pertamina (Indonesia Crude Price)	Griffin	Suspended from Sep 2010
Tapis	Dated Brent	Seria Light	None

Labuan	Dated Brent	Le Gendre	Dated Brent
Thevenard	Dated Brent	Benchamas	suspended from Oct 2008
NWS Condensate	Dated Brent	Daqing	OSP by the Chinese government
Kutubu	Dated Brent	Nanhai Light	Suspended from Mar 2012
Laminaria	Dated Brent	Xi Jiang	Suspended from Apr 2014
Varanus	Dated Brent	Panyu	Suspended from Apr 2014
Gippsland	Dated Brent	Bach Ho	Dated Brent
Cossack	Dated Brent	Rang Dong	Dated Brent
Mutineer Exeter	Dated Brent	Su Tu Den	Dated Brent
Enfield	Dated Brent	Sty Barrow	Dated Brent
Vincent	Dated Brent	Van Gogh	Dated Brent
Pyrenees	Dated Brent	Kikeh	Dated Brent
Kitan	Dated Brent	T.G.T.	Dated Brent

Chim Sao	Dated Brent	Miri	Dated Brent
Kimanis	Dated Brent		

<Indonesian Crude Basket Price>

- Indonesian Light Crude Basket Price (ILCB)
- Indonesian Medium Crude Basket Price (LMCB)
- Indonesian Medium-Heavy Crude Basket Price (IMHCB)

	Crude grades of the basket price
ILCB	The average price of Belida, Attaka, Handil Mix
IMCB	The average price of Minas, Cinta, Widuri
ІМНСВ	The average price of Minas, Cinta, Widuri and Duri

<RIM Special Crude Basket Price>

- Crude Basket Price for China Products (BPCP)

	Crude grades of the basket price		
ВРСР	The average price of Dubai, DTD Brent, Cinta, to which the Chinese government refers when adjusting domestic retail prices for refined products.		

Assessment Window Price Unit and structure	RIM's assessment window for Physical Crude/Condensate <asia condensate="" crude=""> closes at 2:30 PM Tokyo time on the day of publication. All prices are in \$/bbl FOB.</asia>
Time Window	RIM uses a discrete window for its assessment of Asian crude oil. During the period from the first day to the 15th of the month, all prices are for cargoes to be loaded in the following month of the current calendar month. During the period from the 16th to the last day of the month, all prices are for cargoes to be loaded in the month after the following month of the current calendar month.
Standard Size	All prices are for cargoes of 200,000-600,000bbl. Prices for smaller or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were within the standard volumes.
Loading Ports	All prices are for cargoes to be loaded at main exporting ports of each crude/condensate grade.

3. African Crude/Condensate

RIM assesses spot values of the following grades as of 2:30 PM Tokyo time. All prices are assessed based on information collected in the course of market research by RIM reporters each business day. Reporters take into

account quality differences of the below-indicated crude grades, which vary occasionally reflecting market fundamentals of downstream refined oil products and petrochemical products.

Bonny Light, Brass River, Qua Iboe, Agbami, Cabinda, Djeno, Girassol, Hungo, Nemba, Dalia, Pazflor, Zafiro, Doba, Nile Blend and Dar Blend

Premiums and Discounts

Premiums/discounts for each Bonny Light, Brass River, Qua Iboe, Agbami, Cabinda, Djeno, Girassol, Hungo, Nemba, Dalia, Pazflor, Zafiro, Doba and Dar Blend are to Dated Brent crude values. Nile Blend is to Minas ICP(Indonesian Crude Price) value.

Outright Values

The outright price for each Bonny Light, Brass River, Qua Iboe, Agbami, Cabinda, Djeno, Girassol, Hungo, Nemba, Dalia, Pazflor, Zafiro, Doba, and Dar Blend are comprised of two components; premiums or discounts and Dated Brent crude values. The outright price for Nile Blend is comprised of premiums or discounts and Minas ICP. These are indicated in the table below. In the event that trade lacks a prevailing fixed price, reporters may use crude swaps values available in the market to assess the outright values of crude oil.

Grade	Benchmark	Grade	Benchmark
Bonny Light	Dated Brent	Girassol	Dated Brent
Brass River	Dated Brent	Hungo	Dated Brent
Cabinda	Dated Brent	Nile Blend	ICP Minas by Pertamina
Djeno	Dated Brent	Dar Blend	Dated Brent
Nemba	Dated Brent	Qua Iboe	Dated Brent
Agbami	Dated Brent	Dalia	Dated Brent
Zafiro	Dated Brent	Pazflor	Dated Brent
Doba	Dated Brent		

Assessment Window	RIM's assessment window for the Physical Crude/Condensate <africa> closes at 2:30 PM Tokyo time on the day of publication.</africa>
Price Unit and structure	All prices are in \$/bbl on FOB.
Time Window	RIM uses a discrete window for its assessment of African crude oil. During the period from the first day to the 20th of the month, all prices are for cargoes to be loaded in the following month of the current calendar month. During the period from the 21th to the last day of the month, all prices are for cargoes to be loaded in the

	month after the following month of the current calendar month.
Standard Size	All prices (Bonny Light, Brass River, Qua Iboe, Agbami, Cabinda, Djeno, Girassol, Hungo, Nemba, Dalia, Pazflor, Zafiro and Doba) are for cargoes of 950,000bbl. A price of Nile Blend and Dar Blend cargoes of 600,000bbl to 1,000,000 bbl. Prices for smaller or larger cargoes are to be translated into estimated values that the prices could be if the cargoes were the standard volume.
Loading Ports	All prices (Bonny Light, Brass River, Qua Iboe, Agbami, Cabinda, Djeno, Girassol, Hungo, Nemba, Dalia, Pazflor, Zafiro, Doba, Nile Blend and Dar Blend) are for cargoes to be loaded at main exporting ports of each grade.

4. Other Crude/Condensate

RIM assesses spot values of the following grade as of 2:30 PM Tokyo time. The price is assessed based on information collected in the course of market research by RIM reporters each business day.

Sokol, Saklalin Blend and ESPO

Premiums and Discounts

Premiums/discounts for Sokol and Sakhalin Blend are to whole month Dubai quote value on CFR Yosu, South Korea. For ESPO, it is to whole month Dubai quote values on FOB Kozmino, Russia.

Outright Values

The outright price for Sokol, Sakhalin Blend and ESPO are comprised of two components; premiums or discounts and whole month Dubai quote values. It is indicated in the table below. In the event that trade lacks a prevailing fixed price, reporters may use crude swaps values available in the market to assess the outright values of crude oil.

Grade	Benchmark	price structure
Sokol	Whole month Dubai quote	CFR Yosu*
Sakhalin Blend	Whole month Dubai quote	CFR Yosu*
ESPO**	Whole month Dubai quote	FOB Kozmino

^{*}The assessments for Sokol and Sakhalin Blend are based on CFR Yosu, but in case that deals or talks for other destinations are heard, RIM will assess the crude, considering the freight differentials between Yosu and the discharging ports.

^{**}ESPO is East Siberian Pipeline Oil.

Assessment Window	RIM's assessment window for the Physical Crude/Condensate < Other Area > closes at 2:30 PM Tokyo time on the day of publication.
Price Unit and structure	For Sokol and Sakhalin Blend, the price is in \$/bbl on CFR Yosu. For ESPO, the price is on FOB Kozmino.
Time Window	RIM uses a discrete window for its assessment of other crude (Sokol, Sakhalin Blend and ESPO). The

	price is for cargo to be loaded in the month after the following month of the current calendar month.
Standard Size	The price is for cargoes of 700,000 to 740,000bbl. Prices for smaller or larger cargo are to be translated into estimated values that the prices could be if the cargoes were the standard volume.
Loading Ports	The price is for cargo to be loaded at main exporting port of the grade.

Azeri, Urals, Forties, Castilla Blend

Premiums and Discounts

Premiums/discounts for Azeri are to Dated Brent crude values on CFR South East Asia, including Indonesia and Thailand. For Urals and Forties, it is to Dated Brent crude values on CFR North East Asia, including Japan, South Korea and China. For Castilla Blend, it is to whole month Dubai quote values on CFR North East Asia, including Japan, South Korea and China.

Outright Values

The outright price for Azeri, Urals and Forties are comprised of two components; premiums or discounts and Dated Brent crude values. The outright price for Castilla Blend is comprised of premiums or discounts and whole month Dubai quote values. These are indicated in the table below. In the event that trade lacks a prevailing fixed price, reporters may use crude swaps values available in the market to assess the outright values of crude oil.

Grade	Benchmark	price structure
Azeri	Dated Brent	CFR South East Asia*
Urals	Dated Brent	CFR North East Asia**
Forties	Dated Brent	CFR North East Asia**
Castilla Blend	Dubai quote	CFR North East Asia**

^{*}The assessments for Azeri are based on CFR South East Asia, but in case that deals or talks for other destinations are heard, RIM will assess the crude, considering the freight differentials between South East Asia and the discharging ports.

**The assessments for Urals, Forties and Castilla Blend are based on CFR North East Asia, but in case that deals or talks for other destinations are heard, RIM will assess the crude, considering the freight differentials between North East Asia and the discharging ports.

For any of Azeri, Urals and Forties, in case that deals or talks on FOB Mediterranean Sea and North West Europe (in case of Urals and Forties) are heard, RIM may take such information into consideration to assess the crude on CFR, adding the freight cost from the Mediterranean Sea and North West Europe.

For Castilla Blend, in case that deals or talks on FOB Colombia are heard, RIM may take such information into consideration to assess the crude on CFR, adding the freight cost from Columbia.

Assessment Window	RIM's assessment window for the Physical Crude/Condensate <other area=""> closes at 2:30 PM Tokyo time on the day of publication.</other>
Price Unit and structure	For Azeri, the price is in \$/bbl on CFR South East Asia. For Urals, Forties and Castilla Blend, the price is on CFR North East Asia.
Time Window	RIM uses a discrete window for its assessment of other crude (Azeri, Urals, Forties and Castilla Blend). The price is for cargo to be delivered in the month after the following month of the current calendar month.
Standard Size	The price is for cargoes of 1-mil to 2-mil bbl. Prices for smaller or larger cargo are to be translated into estimated values that the prices could be if the cargoes were the standard volume.
Loading Ports	The price is for cargo to be loaded at main exporting port of the grade in the Mediterranean Sea, North West Europe (in case of Urals and Forties) and Columbia (in case of Castilla Blend).

Crude/Condensate Methodology for RIM Trading Board

Time	12:30~14:30 Tokyo time. Out of all bids/offers and deals	
	transacted during the time window, we take the most recent deals	
	and numbers into consideration for assessment.	
Participants	RIM's crude/condensate team should be informed of all bids/offers	
	and deal information via E Mail, telephone and instant messengers	
	during the time window. When information is submitted through a	
	broker, the broker should submit it to RIM.	
Items	The crude/condensate grades should be those that RIM assesses.	
	However, RIM occasionally posts other crude grades that are not	
	assessed by RIM, based on Rim's editorial judgment.	
Volume	As for physical cargoes, the minimum size should be 100,000bbl or	
	above. For paper, 50,000bbl and above should be the minimum.	
Other conditions	1) As to bids/offers and deals, spot differentials to each	
	benchmark crude, (so-called floating prices) and/or fixed prices	
	should be submitted.	
	2) Regardless of whether it is physical trade or paper trade,	
	bids/offers and deals should be within the time window set by	
	RIM. As for deals/quotes, which are conducted outside RIM's	
	time window, RIM will decide whether to post them or not.	
	3) As to bids/offers, when a player hopes to set validity, the player	
	should inform RIM of the intention and the details.	
	4) Apart from these items and policies, all guidelines are in line	
	with RIM's Crude/Condensate Assessment Methodology.	

Principle	 RIM occasionally reports information gathered from third party sources, instead of either the player that made a bid or offer, or the players that actually conducted deals. In this case, as long as RIM is able to confirm the information provided by the third party with the players that made bids/offers or the players that made the deal, RIM may update this information at RIM's discretion. Regarding bids/offers and deals, RIM generally carries the company names involved. RIM reserves the right to judge which information is posted. Bids/offers should be firm. At RIM's discretion, Rim may impose a penalty on any players that make bids/offers within validity that intentionally does not implement the transaction, or repeatedly fails to do the transaction, when a counterparty is interested to do a deal at that level shown. RIM refers bids/offers and deal information for assessment. However, RIM will take various factors, like market fundamentals and sentiment, into consideration when RIM determines assessment, therefore whether those bids/offers and deal information are fully reflected in assessment will be at RIM's discretion.
Disclaimer	RIM Trading Board is for the sole purpose of providing information, not
2.00.0	for any form of brokerage. RIM has no liability for the result or the
	process of the negotiation between sellers and buyers based on
	RIM Trading Board. All negotiations based on it should be made
	directly between sellers and buyers. Therefore all responsibilities
	for offers/bids and deals lie with the players involved.