## Report concerning compliance with PRA Principles

As of Nov 30, 2018, we completed an assurance review for the following price assessments:

Methodology	Price Assessment
Bunker	North/South America
	• Europe
	Middle East/Africa
	Asia
Crude/Condensate	Tokyo Spot Crude/Condensate Assessments
	· Cash Crude
	Paper Crude
	Singapore Crack Margins (Against Dubai Swaps)
	Singapore Crack Margins (Against DTD Brent)
	Physical Crude/Condensate (Middle East)
	Physical Crude/Condensate (Africa)
	Physical Crude/Condensate (Other)
	Physical Crude/Condensate (Asia)
Products*	FOB Singapore Cargoes
	Singapore Paper Swaps
	Singapore Crack Margins
	FOB South Korea Cargoes
	FOB Taiwan Cargoes
	FOB China Cargoes
	CFR China Cargoes
	FOB Middle East Cargoes
	FOB Indonesia LSWR Cargoes
	CFR Japan MR Cargoes
	FOB Japan MR Cargoes
	Asia Bunker Prices
LPG	Refrigerated Cargoes
	FOB Middle East Spot Prices
	Saudi CP Swaps
	CFR Japan Spot Prices
	CFR China Spot Prices
	CFR Far East Propane Swaps
	Expected CIF Japan Values
	FOB US Gulf Coast Spot Prices

Methodology	Price Assessment
	Mont Belvieu Swaps
	VLGC Freight Rates
	Term/Spot Combined Freight Rates
	Pressurized Cargoes
	FOB South China Spot Prices
	FOB Southeast Asia Spot Prices
	CFR Vietnam Spot Prices
	Pressurized Freight Rates
	China Domestic Wholesale Prices
	South China
	· East China
	North China
	Northeast China
	Calorific Values
	Japan Domestic Spot Prices
	· Ex-Terminal Barge
	• Ex-Terminal Truck
Lorry Rack	• Lorry Rack Market for Cargoes from Refineries in Tokyo Bay, Nagoya,
	Hanshin
	• Lorry Rack Market for Cargoes from Storage Facilities in Tokyo Bay, Nagoya,
	Hanshin
	Lorry Rack Market for Cargoes from Other Refineries and Storage Facilities
Japan Products	Japan Domestic Waterborne Spot Market
	<ul> <li>Japan Product Paper Swap Assessments</li> </ul>
Petrochemicals	Aromatics
	• Benzene
	Styrene Monomer
	· Toluene
	· Iso MX
	· PX
	Olefins
	China Domestic
	Polymers
	PVC and Feedstocks
	Intermediates
	PET and Feedstocks
LNG	Spot LNG Price Assessment

Methodology	Price Assessment
	• DES Japan
	Northeast Asia (DES)
	· Others
	Freight
Power	Power Market
	Rim Index for delivery the following day
	Rim Index for forward delivery

\* In the Products report and Methodology, price assessment and Methodology for Asia Products and Japan Products are included.

<Rim Intelligence Co complies with the Principles for Oil Price Reporting Agencies (PRA) set out by the International Organization of Securities Commissions (IOSCO) and publishes updates of such compliance on a regular basis.>

Hisako Mori President Rim Intelligence Co Mar 27, 2019

To view the assurance report, please consent to the terms below and click the "Agree" button.

"I accept and agree for and on behalf of myself and the entity I represent (each a "recipient") that:

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Agree