

## **PRACTICE NOTES TO THE 2005 BARRIER OPTION SUPPLEMENT TO THE 1998 FX AND CURRENCY OPTION DEFINITIONS**

The 2005 Barrier Option Supplement to the 1998 FX and Currency Option Definitions (“Supplement”) is being published by the Foreign Exchange Committee (FXC) with the support of the Financial Markets Lawyers Group (FMLG) and the Supplement’s cosponsors, the International Swaps and Derivatives Association, Inc. (ISDA) and EMTA, Inc. (EMTA). The FXC published confirmation templates in September 2000 that can be used to document knock-in/knock-out barrier options and binary options under the 1998 FX and Currency Option Definitions published by ISDA, EMTA, and the FXC (“1998 Definitions”). The Supplement is intended to supersede and update these confirmations by amending the 1998 Definitions to provide terms for various types of Barrier and Binary Currency Option Transactions (hereinafter, “Barrier Options” and “Binary Options,” respectively). Specifically, the Supplement contains terms that can be used to confirm single and double knock-in and knock-out Barrier Options (deliverable or non-deliverable) and single and double no-touch and one-touch Binary Options. The Exhibits to the Supplement illustrate how these Barrier and Binary Options may be confirmed under the terms of the Supplement and the 1998 Definitions. Nonetheless, the Supplement’s terms are flexible and allow for the confirmation of other types of Barrier and Binary Options.

These practice notes provide an explanation of terms of the Supplement. All capitalized words in these practice notes have the meanings given to them in the 1998 Definitions or Supplement, unless otherwise specified herein.

### **Section 1.6(d): Currency Pair**

The definition of Currency Pair in the 1998 Definitions covers Deliverable FX Transactions (Section 1.6(a)), Non-Deliverable FX Transactions with a Reference Currency and Settlement Currency (Section 1.6(b)), and Currency Option Transactions with a Put Currency and a Call Currency (Section 1.6(c)). While Section 1.6(c) specifies the Currency Pair for a Barrier Option, none of these definitions applies to a Binary Option. The Supplement adds Section 1.6(d), which provides that the Currency Pair for a Binary Option means the currencies specified as applicable to the Barrier Level in the related Confirmation.

### **Section 1.16(a): Rate Calculation Date**

The definition of Rate Calculation Date in Section 1.16(a) of the 1998 Definitions is revised to include a Barrier Event Determination Date. This amendment is intended to facilitate the use of a Settlement Rate Option from Annex A of the 1998 Definitions for purposes of defining a Barrier Event Rate Source used to determine whether a Barrier Event has occurred. That is, each Settlement Rate Option in Annex A provides the Spot Rate for a Rate Calculation Date for purposes of valuing a Non-Deliverable Transaction. By specifying that the Rate Calculation Date also includes a Barrier Event Determination Date, the Spot Rate also can be used for purposes of determining whether a Barrier Event has occurred. For further discussion of discrete Barrier Options and Binary Options, see Section 3.9(d) below.

### **Section 3.1(h): Barrier Determination Agent**

### **Section 3.9(l): Notification of Barrier Event**

Barrier Determination Agent is a new term. Presumptively, the Barrier Determination Agent is the Calculation Agent, unless the parties specify otherwise in the related Confirmation. The parties may agree that a third party will serve as Barrier Determination Agent. A Barrier Determination Agent determines whether a Barrier Event has occurred in good faith and in a commercially reasonable manner (see Section 3.9(b)). A Barrier Determination Agent's notice that a Barrier Event has occurred is to be provided pursuant to Section 3.9(l), which addresses the methods by which notice may be provided. Although master agreements have provisions that specify how notices may be sent as a general matter, Section 3.9(l) contains at least one limitation, that facsimile transmissions should be acknowledged by the receiving party. This limitation is intended to ensure that the receiving party is aware of the fact that the Barrier Determination Agent has sent a notice that a Barrier Event has occurred.

### **Section 3.3: Option Type**

Sections 3.3(c) and 3.3(d) provide definitions of the Barrier Option and Binary Option types of Currency Option Transactions. A Barrier Currency Option Transaction changes terms upon the occurrence or non-occurrence of a Barrier Event, as the case may be, in the manner defined in the Event Type specified in the related Confirmation (subject to any applicable condition precedent or provision of Article 5 of the Definitions). A Binary Option is a type of Barrier Currency Option Transaction that changes its terms in a specific way upon the occurrence or non-occurrence of a Barrier Event—the Buyer would become entitled to receive from the Seller a Settlement Amount in the manner defined in the Event Type specified in the related Confirmation (subject to any applicable condition precedent or provision of Article 5 of the Definitions).

### **Section 3.4(c): Premium Payment Refund**

Section 3.4(a) of the Definitions provides that a Buyer is obligated to pay the Seller a Premium on the Premium Payment Date. Section 3.4(c) is added to make clear that a Premium is not refundable or rebatable. This presumption applies unless the parties specify otherwise in the related Confirmation; for example, parties may wish to document certain reverse knock-out options in which the premium is rebated.

### **Section 3.7(c): In-the-Money Amount**

Section 3.7(c)(iii) provides that the In-the-Money Amount of a Binary Option will be the Settlement Amount specified in the related Confirmation.

### **Section 3.9(a): Automatic Termination**

Section 3.9(a) defines Automatic Termination for purposes of specifying that, when a Barrier Event in accordance with the Event Type applicable to a Barrier Option occurs or fails to occur, as the case may be (see the Event Types in Section 3.9(f)(i)-(viii)), the Barrier Option will terminate and be deemed canceled effective on the date specified for such termination in the related Confirmation, or otherwise in accordance

with the Event Type, without payment of any settlement amount, breakage costs, or other amounts representing the future value of the Transaction.

### **Section 3.9(b): Barrier Event**

The definition of Barrier Event in Section 3.9(b) recognizes that the Event Types specified in Section 3.9(f) are not exclusive, and the parties may agree to other Event Types in the related Confirmation. This definition provides flexibility to confirm different Barrier and Binary Option products under the terms of the Supplement and the Definitions.

### **Section 3.9(c): Barrier Event Determination Date**

### **Section 3.9(d): Barrier Event Rate Source**

### **Section 3.9(n): Spot Exchange Rate**

### **Section 3.9(p): “Spot Market”**

The two parts of the definition of Barrier Event Determination Date in Section 3.9(c) and of the definition of Spot Exchange Rate in Section 3.9(n) correspond to two types of Barrier or Binary Options—discrete or non-discrete—that may be documented.

A discrete option uses a specific rate source for purposes of determining whether a Barrier Event has occurred. Section 3.9(d) provides that such a rate source specified in the related Confirmation is the Barrier Event Rate Source. For example, for a discrete Barrier Option, the parties may specify a reference rate for a major G-10 currency (which would need to be defined in the related Confirmation). For a discrete Barrier Option in an emerging market currency, the parties may specify that a Settlement Rate Option from Annex A of the 1998 Definitions (which ordinarily is used for purposes of determining the value of a Non-Deliverable Transaction) is the Barrier Event Rate Source. Section 3.9(c)(i) provides that a Barrier Event Determination Date for a discrete option is “any day in the Event Period on which the Barrier Event Rate Source should be and is available.” Section 3.9(n)(i) provides that, for a discrete option, the Spot Exchange Rate used for purposes of determining whether a Barrier Event has occurred is the Spot Rate based on the price for a foreign exchange transaction involving the Currency Pair (or cross-rates constituting such Currency Pair) as determined on each Barrier Event Determination Date in accordance with the Barrier Event Rate Source.

A Barrier Event Rate Source should not be available on a day that is not a local business day where the Settlement Rate Option for the particular currency is published; for example, a day that is a Saturday, Sunday, or scheduled holiday in a local market as of the Trade Date. Accordingly, such a day would not be a Barrier Event Determination Date. However, there is a risk that, because of an unscheduled holiday or other unforeseen circumstances as of the Trade Date, a Barrier Event Rate Source may not be available on a particular day during an Event Period when it otherwise should have been available. In such an event, the market practice has been to continue to treat that day as a Barrier Event Determination Date and seek a rate in the Spot Market where there is sufficient liquidity. Section 3.9(c)(ii) takes this approach by providing that, in the event the Barrier Event Rate Source is not available on a day that otherwise would have been a Barrier Event Determination Date, that day still will be a Barrier Event Determination Date if a Spot Exchange Rate may be determined pursuant to Section 3.9(n)(ii). The

fallback on any day(s) during the Event Period that present such circumstances will be the Spot Exchange Rate determined pursuant to Section 3.9(n)(ii).

On the other hand, a non-discrete or “spot market” Barrier Option does not have Barrier Events that are determined by reference to a specific rate source. Accordingly, the existence of a Barrier Event Determination Date in Section 3.9(c)(ii) of the Supplement is not conditioned on the availability of a particular Barrier Event Rate Source. Section 3.9(n)(ii) specifies that the Spot Exchange Rate for purposes of determining whether a Barrier Event has occurred will be the Spot Rate that is based on the price for one or more actual foreign exchange transactions in the Spot Market involving the Currency Pair (or cross-rates constituting such Currency Pair) for settlement in accordance with the convention for the Currency Pair, as determined on each Barrier Event Determination Date in good faith and in a commercially reasonable manner by the Barrier Determination Agent. Section 3.9(c)(ii), together with Section 3.9(n)(ii) and Section 3.9(p), which defines Spot Market, provide that a non-discrete Barrier Option’s Barrier Event Determination Date can occur on any day in the Event Period during which the global spot foreign exchange market is open continuously from 5:00 a.m. Sydney time on a Monday in any week to 5:00 p.m. New York time on the Friday of that week.

In the case of either a discrete or non-discrete option, parties may decide to provide in the related Confirmation that the Barrier Event Determination Date will take place on certain days within the Event Period; for example, on Wednesday of each week during the Event Period. Section 3.9(c) allows for such limitations. If no such limitations are specified, a Barrier Event Determination Date can be any day in the Event Period that meets the applicable requirements of Section 3.9(c).

**Section 3.9(e): Barrier Level**

**Section 3.9(f): Event Type**

**Section 3.9(k): Lower Barrier Level**

**Section 3.9(o): Spot Exchange Rate Direction**

**Section 3.9(q): Upper Barrier Level**

Section 3.9(f) sets out each Event Type that constitutes a Barrier Event applicable to a Transaction when the relevant Event Type is specified in the related Confirmation. The Event Types in Section 3.9(f) may be used to confirm single and double knock-out and knock-in Barrier Options, as well as single and double no-touch and one-touch Binary Options. In addition, an Event Type that does not appear in Section 3.9(f) may be defined in the related Confirmation for a Barrier or Binary Option that does not fall within this set of products.

The Event Types use the terms Barrier Level defined in Section 3.9(e), Upper and Lower Barrier Level defined in Sections 3.9(q) and 3.9(k), and Spot Exchange Rate Direction defined in Section 3.9(o). The Spot Exchange Rate Direction specified in the related Confirmation is used to determine whether a Barrier Event has occurred by requiring that the Spot Exchange Rate must touch or cross the Barrier Level from a certain direction. If the Confirmation specifies that the Spot Exchange Rate Direction is “Great than or equal to the Barrier Level,” the Spot Exchange rate must start lower than and then reach or exceed the Barrier Level. Conversely, if the Confirmation specifies that the Spot Exchange Rate Direction is “Less than or equal to the Barrier Level,” the

Spot Exchange Rate must start greater than and then reach or fall below the Barrier Level. An Initial Spot Price may be specified in the related Confirmation for purposes of determining the direction from which the Spot Exchange Rate has crossed the Barrier Level, although an Initial Spot Price is an optional provision.

The following example illustrates how Spot Exchange Rate Direction works. If a Transaction provides for (1) the occurrence of a Barrier Event upon the Spot Exchange Rate reaching 102.00 JPY/USD, (2) an Event Period which commences on the Trade Date and ends on the Expiration Date, and (3) a Spot Exchange Rate Direction of “Greater than or equal to the Barrier Level,” the Spot Exchange Rate would have to have been at a number less than 102.00 JPY/USD (*i.e.*, 101.999999 JPY/USD or lower) prior to breaching the Barrier Level and reach a number equal to or greater than 102.00 JPY/USD in order for a Barrier Event to be deemed to have occurred. In this example, if the Spot Exchange Rate never reaches a number equal to or greater than 102.00 JPY/USD (*i.e.*, remains less than 102.00 JPY/USD), a Barrier Event would be deemed not to have occurred. However, if the Spot Exchange Rate in this example began and remained at a number greater than or equal to 102.00 JPY/USD, a Barrier Event would be deemed not to have occurred upon the rate touching 102.00 JPY/USD. In this latter case, the Spot Exchange Rate would first have to descend below, and then ascend to or exceed, the Barrier Level in order for a Barrier Event to be deemed to have occurred.

When specifying the exchange rates relating to the Barrier Level(s) and the Initial Spot Price (if included) in the related Confirmation, it is important to use a consistent convention for the relevant Currency Pair. Use of a consistent convention will make it possible to compare the Spot Exchange Rate to the Barrier Level(s) and determine whether the Spot Exchange Rate has reached or crossed the Barrier Level(s) based on the Spot Exchange Rate Direction. The “Currency Pair Matrix” in Attachment 1 to these Practice Notes has been provided as a best practice to facilitate the development and use of a standard market convention for specifying these terms in the related Confirmation. Updates to the Currency Pair Matrix will be published on the websites of the co-sponsors from time to time.

**Section 3.9(g): Event Period**

**Section 3.9(h): Event Period End Date and Time**

**Section 3.9(i): Event Period Start Date and Time**

A Barrier Event Determination Date may fall on any day in the Event Period (provided other conditions specified in Section 3.9(c) are met). Section 3.9(g) specifies that the Event Period starts on the Event Period Start Date and Time (presumptively the Trade Date at the time the Transaction was entered into) and ends on the Event Period End Date and Time (presumptively the Expiration Date at the Expiration Time). Section 3.9(g) also clarifies that, for at-expiry options, the Event Period starts and ends on the Expiration Date at the Expiration Time.

**Section 3.9(j): Exercise**

Section 3.6(c) of the 1998 Definitions provides that Automatic Exercise is deemed to apply to a Currency Option Transaction. Section 3.9(j) specifies that the occurrence (or non-occurrence) of a Barrier Event will effect whether this presumption will apply to a Barrier Option.

**Section 3.9(m): Settlement Amount**

Section 3.9(m) provides a definition of Settlement Amount that may be used in a Confirmation related to a Binary Option. It is important to note that, even if a Barrier Event occurs more than one time during the Event Period, the Settlement Amount is paid only once on the Settlement Date, unless otherwise specified in the related Confirmation. This result is made clear in Section 3.7(b) of the 1998 Definitions and in each of the Event Types relating to Binary Options in Section 3.9(f)(v)-(viii).

## **Attachment 1: Currency Pair Matrix**

This Currency Pair Matrix dated December 6, 2005 is provided as a best practice to facilitate the development and use of a standard market convention for specifying the exchange rates relating to certain terms in a Confirmation that incorporates the provisions of the 2005 Barrier Option Supplement to the 1998 FX and Currency Option Definitions, published by ISDA, Inc., EMTA, Inc. and the Foreign Exchange Committee (the "2005 Supplement"). These terms include the Barrier Level defined in Section 3.9(e) of the 2005 Supplement, Upper and Lower Barrier Level defined in Section 3.9(q) and 3.9(k) of the 2005 Supplement, and the Initial Spot Price, which may be included in the Confirmation pursuant to Section 3.9(o) of the 2005 Supplement. The Matrix addresses the currencies set out in Section 4.3 of Annex A of the 1998 FX and Currency Option Definitions ("1998 Definitions"). All Currency Pairs in the Matrix are presented in the form of a fraction ("Currency Pair Fraction"). The numerator of the Currency Pair Fraction is defined as the "Numerator Currency," and the denominator of the Currency Pair Fraction is defined as the "Denominator Currency." Each Currency Pair Fraction is expressed as the amount of Numerator Currency per one unit of Denominator Currency. Updates to the Matrix will be published on the websites of the co-sponsors.

<b>ARTICLE 4</b> <b>Section 4.3. Currencies.</b> <b>Currency Pair Matrix</b>								
<b>Currency Code</b>			<b>ARS</b>	<b>AUD</b>	<b>BRL</b>	<b>CAD</b>	<b>CHF</b>	<b>CLP</b>
(a)	Argentine Peso.	<b>ARS</b>	-	ARS/AUD	ARS/BRL	ARS/CAD	ARS/CHF	CLP/ARS
(b)	Australian Dollar.	<b>AUD</b>	ARS/AUD	-	BRL/AUD	CAD/AUD	CHF/AUD	CLP/AUD
(e)	Brazilian Real.	<b>BRL</b>	ARS/BRL	BRL/AUD	-	BRL/CAD	BRL/CHF	CLP/BRL
(g)	Canadian Dollar.	<b>CAD</b>	ARS/CAD	CAD/AUD	BRL/CAD	-	CHF/CAD	CLP/CAD
(bg)	Swiss Franc.	<b>CHF</b>	ARS/CHF	CHF/AUD	BRL/CHF	CHF/CAD	-	CLP/CHF
(h)	Chilean Peso.	<b>CLP</b>	CLP/ARS	CLP/AUD	CLP/BRL	CLP/CAD	CLP/CHF	-
(i)	Chinese Renminbi.	<b>CNY</b>	CNY/ARS	CNY/AUD	CNY/BRL	CNY/CAD	CNY/CHF	CLP/CNY
(j)	Colombian Peso.	<b>COP</b>	COP/ARS	COP/AUD	COP/BRL	COP/CAD	COP/CHF	COP/CLP
(l)	Czech Koruna.	<b>CZK</b>	CZK/ARS	CZK/AUD	CZK/BRL	CZK/CAD	CZK/CHF	CLP/CZK
(m)	Danish Krone.	<b>DKK</b>	DKK/ARS	DKK/AUD	DKK/BRL	DKK/CAD	DKK/CHF	CLP/DKK
(q)	Egyptian Pound.	<b>EGP</b>	EGP/ARS	EGP/AUD	EGP/BRL	EGP/CAD	EGP/CHF	CLP/EGP
(s)	Euro.	<b>EUR</b>	ARS/EUR	AUD/EUR	BRL/EUR	CAD/EUR	CHF/EUR	CLP/EUR
(be)	Sterling.	<b>GBP</b>	ARS/GBP	AUD/GBP	BRL/GBP	CAD/GBP	CHF/GBP	CLP/GBP
(w)	Hong Kong Dollar.	<b>HKD</b>	HKD/ARS	HKD/AUD	HKD/BRL	HKD/CAD	HKD/CHF	CLP/HKD
(x)	Hungarian Forint.	<b>HUF</b>	HUF/ARS	HUF/AUD	HUF/BRL	HUF/CAD	HUF/CHF	CLP/HUF
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/ARS	IDR/AUD	IDR/BRL	IDR/CAD	IDR/CHF	IDR/CLP
(ab)	Israeli Shekel.	<b>ILS</b>	ILS/ARS	ILS/AUD	ILS/BRL	ILS/CAD	ILS/CHF	
(y)	Indian Rupee.	<b>INR</b>	INR/ARS	INR/AUD	INR/BRL	INR/CAD	INR/CHF	CLP/INR
(bo)	Yen.	<b>JPY</b>	JPY/ARS	JPY/AUD	JPY/BRL	JPY/CAD	JPY/CHF	CLP/JPY
(af)	Korean Won.	<b>KRW</b>	KRW/ARS	KRW/AUD	KRW/BRL	KRW/CAD	KRW/CHF	KRW/CLP
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/ARS	LBP/AUD	LBP/BRL	LBP/CAD	LBP/CHF	LBP/CLP
(an)	Moroccan Dirham.	<b>MAD</b>	MAD/ARS	MAD/AUD	MAD/BRL	MAD/CAD	MAD/CHF	CLP/MAD
(am)	Mexican Peso.	<b>MXN</b>	MXN/ARS	MXN/AUD	MXN/BRL	MXN/CAD	MXN/CHF	CLP/MXN
(al)	Malaysian Ringgit.	<b>MYR</b>	MYR/ARS	MYR/AUD	MYR/BRL	MYR/CAD	MYR/CHF	CLP/MYR
(ap)	Norwegian Krone.	<b>NOK</b>	NOK/ARS	NOK/AUD	NOK/BRL	NOK/CAD	NOK/CHF	CLP/NOK
(ao)	New Zealand Dollar.	<b>NZD</b>	ARS/NZD	NZD/AUD	BRL/NZD	CAD/NZD	CHF/NZD	CLP/NZD
(ar)	Peruvian Sol.	<b>PEN</b>	PEN/ARS	PEN/AUD	PEN/BRL	PEN/CAD	PEN/CHF	CLP/PEN
(as)	Philippine Peso.	<b>PHP</b>	PHP/ARS	PHP/AUD	PHP/BRL	PHP/CAD	PHP/CHF	CLP/PHP
(aq)	Pakistani Rupee.	<b>PKR</b>	PKR/ARS	PKR/AUD	PKR/BRL	PKR/CAD	PKR/CHF	CLP/PKR
(at)	Polish Zloty.	<b>PLN</b>	PLN/ARS	PLN/AUD	PLN/BRL	PLN/CAD	PLN/CHF	CLP/PLN
(av)	Romanian New Leu.	<b>RON</b>	ARS/RON	RON/AUD	RON/BRL	RON/CAD	RON/CHF	CLP/RON
(aw)	Russian Ruble.	<b>RUB</b>	RUB/ARS	RUB/AUD	RUB/BRL	RUB/CAD	RUB/CHF	CLP/RUB
(bf)	Swedish Krona.	<b>SEK</b>	SEK/ARS	SEK/AUD	SEK/BRL	SEK/CAD	SEK/CHF	CLP/SEK
(ay)	Singapore Dollar.	<b>SGD</b>	ARS/SGD	SGD/AUD	BRL/SGD	SGD/CAD	SGD/CHF	CLP/SGD
(az)	Slovak Koruna.	<b>SKK</b>	SKK/ARS	SKK/AUD	SKK/BRL	SKK/CAD	SKK/CHF	CLP/SKK
(bi)	Thai Baht.	<b>THB</b>	THB/ARS	THB/AUD	THB/BRL	THB/CAD	THB/CHF	CLP/THB
(bj)	Turkish Lira.	<b>TRY</b>	ARS/TRY	TRY/AUD	BRL/TRY	TRY/CAD	TRY/CHF	CLP/TRY
(bh)	Taiwanese Dollar.	<b>TWD</b>	TWD/ARS	TWD/AUD	TWD/BRL	TWD/CAD	TWD/CHF	CLP/TWD
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	UAH/ARS	UAH/AUD	UAH/BRL	UAH/CAD	UAH/CHF	CLP/UAH
(bl)	U.S. Dollar.	<b>USD</b>	ARS/USD	USD/AUD	BRL/USD	CAD/USD	CHF/USD	CLP/USD
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/ARS	VEB/AUD	VEB/BRL	VEB/CAD	VEB/CHF	VEB/CLP
(bb)	South African Rand.	<b>ZAR</b>	ZAR/ARS	ZAR/AUD	ZAR/BRL	ZAR/CAD	ZAR/CHF	CLP/ZAR



<b>ARTICLE 4</b> <b>Section 4.3. Currencies.</b> <b>Currency Pair Matrix</b>								
<b>Currency Code</b>			<b>CNY</b>	<b>COP</b>	<b>CZK</b>	<b>DKK</b>	<b>EGP</b>	<b>EUR</b>
(a)	Argentine Peso.	<b>ARS</b>	CNY/ARS	COP/ARS	CZK/ARS	DKK/ARS	EGP/ARS	ARS/EUR
(b)	Australian Dollar.	<b>AUD</b>	CNY/AUD	COP/AUD	CZK/AUD	DKK/AUD	EGP/AUD	AUD/EUR
(e)	Brazilian Real.	<b>BRL</b>	CNY/BRL	COP/BRL	CZK/BRL	DKK/BRL	EGP/BRL	BRL/EUR
(g)	Canadian Dollar.	<b>CAD</b>	CNY/CAD	COP/CAD	CZK/CAD	DKK/CAD	EGP/CAD	CAD/EUR
(bg)	Swiss Franc.	<b>CHF</b>	CNY/CHF	COP/CHF	CZK/CHF	DKK/CHF	EGP/CHF	CHF/EUR
(h)	Chilean Peso.	<b>CLP</b>	CLP/CNY	COP/CLP	CLP/CZK	CLP/DKK	CLP/EGP	CLP/EUR
(i)	Chinese Renminbi.	<b>CNY</b>	-	COP/CNY	CZK/CNY	CNY/DKK	CNY/EGP	CNY/EUR
(j)	Colombian Peso.	<b>COP</b>	COP/CNY	-	COP/CZK	COP/DKK	COP/EGP	COP/EUR
(l)	Czech Koruna.	<b>CZK</b>	CZK/CNY	COP/CZK	-	CZK/DKK	CZK/EGP	CZK/EUR
(m)	Danish Krone.	<b>DKK</b>	CNY/DKK	COP/DKK	CZK/DKK	-	DKK/EGP	DKK/EUR
(q)	Egyptian Pound.	<b>EGP</b>	CNY/EGP	COP/EGP	CZK/EGP	DKK/EGP	-	EGP/EUR
(s)	Euro.	<b>EUR</b>	CNY/EUR	COP/EUR	CZK/EUR	DKK/EUR	EGP/EUR	-
(be)	Sterling.	<b>GBP</b>	CNY/GBP	COP/GBP	CZK/GBP	DKK/GBP	EGP/GBP	GBP/EUR
(w)	Hong Kong Dollar.	<b>HKD</b>	CNY/HKD	COP/HKD	CZK/HKD	HKD/DKK	HKD/EGP	HKD/EUR
(x)	Hungarian Forint.	<b>HUF</b>	HUF/CNY	COP/HUF	HUF/CZK	HUF/DKK	HUF/EGP	HUF/EUR
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/CNY	IDR/COP	IDR/CZK	IDR/DKK	IDR/EGP	IDR/EUR
(ab)	Israeli Shekel.	<b>ILS</b>	CNY/ILS	COP/ILS				ILS/EUR
(y)	Indian Rupee.	<b>INR</b>	INR/CNY	COP/INR	INR/CZK	INR/DKK	INR/EGP	INR/EUR
(bo)	Yen.	<b>JPY</b>	JPY/CNY	COP/JPY	JPY/CZK	JPY/DKK	JPY/EGP	JPY/EUR
(af)	Korean Won.	<b>KRW</b>	KRW/CNY	COP/KRW	KRW/CZK	KRW/DKK	KRW/EGP	KRW/EUR
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/CNY	COP/LBP	LBP/CZK	LBP/DKK	LBP/EGP	LBP/EUR
(an)	Moroccan Dirham.	<b>MAD</b>	MAD/CNY	COP/MAD	CZK/MAD	MAD/DKK	MAD/EGP	MAD/EUR
(am)	Mexican Peso.	<b>MXN</b>	MXN/CNY	COP/MXN	CZK/MXN	MXN/DKK	MXN/EGP	MXN/EUR
(al)	Malaysian Ringgit.	<b>MYR</b>	CNY/MYR	COP/MYR	CZK/MYR	DKK/MYR	EGP/MYR	MYR/EUR
(ap)	Norwegian Krone.	<b>NOK</b>	CNY/NOK	COP/NOK	CZK/NOK	NOK/DKK	NOK/EGP	NOK/EUR
(ao)	New Zealand Dollar.	<b>NZD</b>	CNY/NZD	COP/NZD	CZK/NZD	DKK/NZD	EGP/NZD	NZD/EUR
(ar)	Peruvian Sol.	<b>PEN</b>	CNY/PEN	COP/PEN	CZK/PEN	DKK/PEN	EGP/PEN	PEN/EUR
(as)	Philippine Peso.	<b>PHP</b>	PHP/CNY	COP/PHP	PHP/CZK	PHP/DKK	PHP/EGP	PHP/EUR
(aq)	Pakistani Rupee.	<b>PKR</b>	PKR/CNY	COP/PKR	PKR/CZK	PKR/DKK	PKR/EGP	PKR/EUR
(at)	Polish Zloty.	<b>PLN</b>	CNY/PLN	COP/PLN	CZK/PLN	DKK/PLN	EGP/PLN	PLN/EUR
(av)	Romanian New Leu.	<b>RON</b>	CNY/RON	COP/RON	CZK/RON	DKK/RON	EGP/RON	RON/EUR
(aw)	Russian Ruble.	<b>RUB</b>	RUB/CNY	COP/RUB	RUB/CZK	RUB/DKK	RUB/EGP	RUB/EUR
(bf)	Swedish Krona.	<b>SEK</b>	CNY/SEK	COP/SEK	CZK/SEK	SEK/DKK	SEK/EGP	SEK/EUR
(ay)	Singapore Dollar.	<b>SGD</b>	CNY/SGD	COP/SGD	CZK/SGD	DKK/SGD	EGP/SGD	SGD/EUR
(az)	Slovak Koruna.	<b>SKK</b>	SKK/CNY	COP/SKK	SKK/CZK	SKK/DKK	SKK/EGP	SKK/EUR
(bi)	Thai Baht.	<b>THB</b>	THB/CNY	COP/THB	THB/CZK	THB/DKK	THB/EGP	THB/EUR
(bj)	Turkish Lira.	<b>TRY</b>	CNY/TRY	COP/TRY	CZK/TRY	DKK/TRY	EGP/TRY	TRY/EUR
(bh)	Taiwanese Dollar.	<b>TWD</b>	TWD/CNY	COP/TWD	TWD/CZK	TWD/DKK	TWD/EGP	TWD/EUR
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	CNY/UAH	COP/UAH	CZK/UAH	DKK/UAH	EGP/UAH	UAH/EUR
(bl)	U.S. Dollar.	<b>USD</b>	CNY/USD	COP/USD	CZK/USD	DKK/USD	EGP/USD	USD/EUR
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/CNY	COP/VEB	VEB/CZK	VEB/DKK	VEB/EGP	VEB/EUR
(bb)	South African Rand.	<b>ZAR</b>	CNY/ZAR	COP/ZAR	CZK/ZAR	ZAR/DKK	ZAR/EGP	ZAR/EUR

<b>ARTICLE 4</b>								
<b>Section 4.3. Currencies.</b>								
<b>Currency Pair Matrix</b>								
<b>Currency Code</b>			<b>GBP</b>	<b>HKD</b>	<b>HUF</b>	<b>IDR</b>	<b>ILS</b>	<b>INR</b>
(a)	Argentine Peso.	<b>ARS</b>	ARS/GBP	HKD/ARS	HUF/ARS	IDR/ARS	ILS/ARS	INR/ARS
(b)	Australian Dollar.	<b>AUD</b>	AUD/GBP	HKD/AUD	HUF/AUD	IDR/AUD	ILS/AUD	INR/AUD
(e)	Brazilian Real.	<b>BRL</b>	BRL/GBP	HKD/BRL	HUF/BRL	IDR/BRL	ILS/BRL	INR/BRL
(g)	Canadian Dollar.	<b>CAD</b>	CAD/GBP	HKD/CAD	HUF/CAD	IDR/CAD	ILS/CAD	INR/CAD
(bg)	Swiss Franc.	<b>CHF</b>	CHF/GBP	HKD/CHF	HUF/CHF	IDR/CHF	ILS/CHF	INR/CHF
(h)	Chilean Peso.	<b>CLP</b>	CLP/GBP	CLP/HKD	CLP/HUF	IDR/CLP		CLP/INR
(i)	Chinese Renminbi.	<b>CNY</b>	CNY/GBP	CNY/HKD	HUF/CNY	IDR/CNY	CNY/ILS	INR/CNY
(j)	Colombian Peso.	<b>COP</b>	COP/GBP	COP/HKD	COP/HUF	IDR/COP	COP/ILS	COP/INR
(l)	Czech Koruna.	<b>CZK</b>	CZK/GBP	CZK/HKD	HUF/CZK	IDR/CZK		INR/CZK
(m)	Danish Krone.	<b>DKK</b>	DKK/GBP	HKD/DKK	HUF/DKK	IDR/DKK		INR/DKK
(q)	Egyptian Pound.	<b>EGP</b>	EGP/GBP	HKD/EGP	HUF/EGP	IDR/EGP		INR/EGP
(s)	Euro.	<b>EUR</b>	GBP/EUR	HKD/EUR	HUF/EUR	IDR/EUR	ILS/EUR	INR/EUR
(be)	Sterling.	<b>GBP</b>	-	HKD/GBP	HUF/GBP	IDR/GBP	ILS/GBP	INR/GBP
(w)	Hong Kong Dollar.	<b>HKD</b>	HKD/GBP	-	HUF/HKD	IDR/HKD	HKD/ILS	INR/HKD
(x)	Hungarian Forint.	<b>HUF</b>	HUF/GBP	HUF/HKD	-	IDR/HUF		HUF/INR
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/GBP	IDR/HKD	IDR/HUF	-	IDR/ILS	IDR/INR
(ab)	Israeli Shekel.	<b>ILS</b>	ILS/GBP	HKD/ILS		IDR/ILS	-	INR/ILS
(y)	Indian Rupee.	<b>INR</b>	INR/GBP	INR/HKD	HUF/INR	IDR/INR	INR/ILS	-
(bo)	Yen.	<b>JPY</b>	JPY/GBP	JPY/HKD	HUF/JPY	IDR/JPY	JPY/ILS	JPY/INR
(af)	Korean Won.	<b>KRW</b>	KRW/GBP	KRW/HKD	KRW/HUF	IDR/KRW	KRW/ILS	KRW/INR
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/GBP	LBP/HKD	LBP/HUF	IDR/LBP		LBP/INR
(an)	Moroccan Dirham.	<b>MAD</b>	MAD/GBP	MAD/HKD	HUF/MAD	IDR/MAD		INR/MAD
(am)	Mexican Peso.	<b>MXN</b>	MXN/GBP	MXN/HKD	HUF/MXN	IDR/MXN	MXN/ILS	INR/MXN
(al)	Malaysian Ringgit.	<b>MYR</b>	MYR/GBP	HKD/MYR	HUF/MYR	IDR/MYR	ILS/MYR	INR/MYR
(ap)	Norwegian Krone.	<b>NOK</b>	NOK/GBP	HKD/NOK	HUF/NOK	IDR/NOK	NOK/ILS	INR/NOK
(ao)	New Zealand Dollar.	<b>NZD</b>	NZD/GBP	HKD/NZD	HUF/NZD	IDR/NZD	ILS/NZD	INR/NZD
(ar)	Peruvian Sol.	<b>PEN</b>	PEN/GBP	HKD/PEN	HUF/PEN	IDR/PEN		INR/PEN
(as)	Philippine Peso.	<b>PHP</b>	PHP/GBP	PHP/HKD	HUF/PHP	IDR/PHP	PHP/ILS	PHP/INR
(aq)	Pakistani Rupee.	<b>PKR</b>	PKR/GBP	PKR/HKD	HUF/PKR	IDR/PKR		PKR/INR
(at)	Polish Zloty.	<b>PLN</b>	PLN/GBP	HKD/PLN	HUF/PLN	IDR/PLN	ILS/PLN	INR/PLN
(av)	Romanian New Leu.	<b>RON</b>	RON/GBP	HKD/RON	HUF/RON	IDR/RON		INR/RON
(aw)	Russian Ruble.	<b>RUB</b>	RUB/GBP	RUB/HKD	HUF/RUB	IDR/RUB		INR/RUB
(bf)	Swedish Krona.	<b>SEK</b>	SEK/GBP	HKD/SEK	HUF/SEK	IDR/SEK	SEK/ILS	INR/SEK
(ay)	Singapore Dollar.	<b>SGD</b>	SGD/GBP	HKD/SGD	HUF/SGD	IDR/SGD	ILS/SGD	INR/SGD
(az)	Slovak Koruna.	<b>SKK</b>	SKK/GBP	SKK/HKD	HUF/SKK	IDR/SKK		INR/SKK
(bi)	Thai Baht.	<b>THB</b>	THB/GBP	THB/HKD	HUF/THB	IDR/THB	THB/ILS	INR/THB
(bj)	Turkish Lira.	<b>TRY</b>	TRY/GBP	HKD/TRY	HUF/TRY	IDR/TRY	ILS/TRY	INR/TRY
(bh)	Taiwanese Dollar.	<b>TWD</b>	TWD/GBP	TWD/HKD	HUF/TWD	IDR/TWD	TWD/ILS	INR/TWD
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	UAH/GBP	HKD/UAH	HUF/UAH	IDR/UAH		INR/UAH
(bl)	U.S. Dollar.	<b>USD</b>	USD/GBP	HKD/USD	HUF/USD	IDR/USD	ILS/USD	INR/USD
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/GBP	VEB/HKD	VEB/HUF	IDR/VEB	VEB/ILS	VEB/INR
(bb)	South African Rand.	<b>ZAR</b>	ZAR/GBP	HKD/ZAR	HUF/ZAR	IDR/ZAR	ZAR/ILS	INR/ZAR

<b>ARTICLE 4</b>								
<b>Section 4.3. Currencies.</b>								
<b>Currency Pair Matrix</b>								
<b>Currency Code</b>		<b>JPY</b>	<b>KRW</b>	<b>LBP</b>	<b>MAD</b>	<b>MXN</b>	<b>MYR</b>	
(a)	Argentine Peso.	<b>ARS</b>	JPY/ARS	KRW/ARS	LBP/ARS	MAD/ARS	MXN/ARS	MYR/ARS
(b)	Australian Dollar.	<b>AUD</b>	JPY/AUD	KRW/AUD	LBP/AUD	MAD/AUD	MXN/AUD	MYR/AUD
(e)	Brazilian Real.	<b>BRL</b>	JPY/BRL	KRW/BRL	LBP/BRL	MAD/BRL	MXN/BRL	MYR/BRL
(g)	Canadian Dollar.	<b>CAD</b>	JPY/CAD	KRW/CAD	LBP/CAD	MAD/CAD	MXN/CAD	MYR/CAD
(bg)	Swiss Franc.	<b>CHF</b>	JPY/CHF	KRW/CHF	LBP/CHF	MAD/CHF	MXN/CHF	MYR/CHF
(h)	Chilean Peso.	<b>CLP</b>	CLP/JPY	KRW/CLP	LBP/CLP	CLP/MAD	CLP/MXN	CLP/MYR
(i)	Chinese Renminbi.	<b>CNY</b>	JPY/CNY	KRW/CNY	LBP/CNY	MAD/CNY	MXN/CNY	CNY/MYR
(j)	Colombian Peso.	<b>COP</b>	COP/JPY	COP/KRW	COP/LBP	COP/MAD	COP/MXN	COP/MYR
(l)	Czech Koruna.	<b>CZK</b>	JPY/CZK	KRW/CZK	LBP/CZK	CZK/MAD	CZK/MXN	CZK/MYR
(m)	Danish Krone.	<b>DKK</b>	JPY/DKK	KRW/DKK	LBP/DKK	MAD/DKK	MXN/DKK	DKK/MYR
(q)	Egyptian Pound.	<b>EGP</b>	JPY/EGP	KRW/EGP	LBP/EGP	MAD/EGP	MXN/EGP	EGP/MYR
(s)	Euro.	<b>EUR</b>	JPY/EUR	KRW/EUR	LBP/EUR	MAD/EUR	MXN/EUR	MYR/EUR
(be)	Sterling.	<b>GBP</b>	JPY/GBP	KRW/GBP	LBP/GBP	MAD/GBP	MXN/GBP	MYR/GBP
(w)	Hong Kong Dollar.	<b>HKD</b>	JPY/HKD	KRW/HKD	LBP/HKD	MAD/HKD	MXN/HKD	HKD/MYR
(x)	Hungarian Forint.	<b>HUF</b>	HUF/JPY	KRW/HUF	LBP/HUF	HUF/MAD	HUF/MXN	HUF/MYR
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/JPY	IDR/KRW	IDR/LBP	IDR/MAD	IDR/MXN	IDR/MYR
(ab)	Israeli Shekel.	<b>ILS</b>	JPY/ILS	KRW/ILS			MXN/ILS	ILS/MYR
(y)	Indian Rupee.	<b>INR</b>	JPY/INR	KRW/INR	LBP/INR	INR/MAD	INR/MXN	INR/MYR
(bo)	Yen.	<b>JPY</b>	-	KRW/JPY	LBP/JPY	JPY/MAD	JPY/MXN	JPY/MYR
(af)	Korean Won.	<b>KRW</b>	KRW/JPY	-	LBP/KRW	KRW/MAD	KRW/MXN	KRW/MYR
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/JPY	LBP/KRW	-	LBP/MAD	LBP/MXN	LBP/MYR
(an)	Moroccan Dirham.	<b>MAD</b>	JPY/MAD	KRW/MAD	LBP/MAD	-	MXN/MAD	MAD/MYR
(am)	Mexican Peso.	<b>MXN</b>	JPY/MXN	KRW/MXN	LBP/MXN	MXN/MAD	-	MXN/MYR
(al)	Malaysian Ringgit.	<b>MYR</b>	JPY/MYR	KRW/MYR	LBP/MYR	MAD/MYR	MXN/MYR	-
(ap)	Norwegian Krone.	<b>NOK</b>	JPY/NOK	KRW/NOK	LBP/NOK	MAD/NOK	MXN/NOK	NOK/MYR
(ao)	New Zealand Dollar.	<b>NZD</b>	JPY/NZD	KRW/NZD	LBP/NZD	MAD/NZD	MXN/NZD	MYR/NZD
(ar)	Peruvian Sol.	<b>PEN</b>	JPY/PEN	KRW/PEN	LBP/PEN	MAD/PEN	MXN/PEN	MYR/PEN
(as)	Philippine Peso.	<b>PHP</b>	JPY/PHP	KRW/PHP	LBP/PHP	PHP/MAD	PHP/MXN	PHP/MYR
(aq)	Pakistani Rupee.	<b>PKR</b>	JPY/PKR	KRW/PKR	LBP/PKR	PKR/MAD	PKR/MXN	PKR/MYR
(at)	Polish Zloty.	<b>PLN</b>	JPY/PLN	KRW/PLN	LBP/PLN	MAD/PLN	MXN/PLN	MYR/PLN
(av)	Romanian New Leu.	<b>RON</b>	JPY/RON	KRW/RON	LBP/RON	MAD/RON	MXN/RON	MYR/RON
(aw)	Russian Ruble.	<b>RUB</b>	JPY/RUB	KRW/RUB	LBP/RUB	RUB/MAD	RUB/MXN	RUB/MYR
(bf)	Swedish Krona.	<b>SEK</b>	JPY/SEK	KRW/SEK	LBP/SEK	MAD/SEK	MXN/SEK	SEK/MYR
(ay)	Singapore Dollar.	<b>SGD</b>	JPY/SGD	KRW/SGD	LBP/SGD	MAD/SGD	MXN/SGD	MYR/SGD
(az)	Slovak Koruna.	<b>SKK</b>	JPY/SKK	KRW/SKK	LBP/SKK	SKK/MAD	SKK/MXN	SKK/MYR
(bi)	Thai Baht.	<b>THB</b>	JPY/THB	KRW/THB	LBP/THB	THB/MAD	THB/MXN	THB/MYR
(bj)	Turkish Lira.	<b>TRY</b>	JPY/TRY	KRW/TRY	LBP/TRY	MAD/TRY	MXN/TRY	MYR/TRY
(bh)	Taiwanese Dollar.	<b>TWD</b>	JPY/TWD	KRW/TWD	LBP/TWD	TWD/MAD	TWD/MXN	TWD/MYR
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	JPY/UAH	KRW/UAH	LBP/UAH	MAD/UAH	MXN/UAH	UAH/MYR
(bl)	U.S. Dollar.	<b>USD</b>	JPY/USD	KRW/USD	LBP/USD	MAD/USD	MXN/USD	MYR/USD
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/JPY	VEB/KRW	VEB/LBP	VEB/MAD	VEB/MXN	VEB/MYR
(bb)	South African Rand.	<b>ZAR</b>	JPY/ZAR	KRW/ZAR	LBP/ZAR	MAD/ZAR	MXN/ZAR	ZAR/MYR

<b>ARTICLE 4</b>								
<b>Section 4.3. Currencies.</b>								
<b>Currency Pair Matrix</b>								
<b>Currency Code</b>			<b>NOK</b>	<b>NZD</b>	<b>PEN</b>	<b>PHP</b>	<b>PKR</b>	<b>PLN</b>
(a)	Argentine Peso.	<b>ARS</b>	NOK/ARS	ARS/NZD	PEN/ARS	PHP/ARS	PKR/ARS	PLN/ARS
(b)	Australian Dollar.	<b>AUD</b>	NOK/AUD	NZD/AUD	PEN/AUD	PHP/AUD	PKR/AUD	PLN/AUD
(e)	Brazilian Real.	<b>BRL</b>	NOK/BRL	BRL/NZD	PEN/BRL	PHP/BRL	PKR/BRL	PLN/BRL
(g)	Canadian Dollar.	<b>CAD</b>	NOK/CAD	CAD/NZD	PEN/CAD	PHP/CAD	PKR/CAD	PLN/CAD
(bg)	Swiss Franc.	<b>CHF</b>	NOK/CHF	CHF/NZD	PEN/CHF	PHP/CHF	PKR/CHF	PLN/CHF
(h)	Chilean Peso.	<b>CLP</b>	CLP/NOK	CLP/NZD	CLP/PEN	CLP/PHP	CLP/PKR	CLP/PLN
(i)	Chinese Renminbi.	<b>CNY</b>	CNY/NOK	CNY/NZD	CNY/PEN	PHP/CNY	PKR/CNY	CNY/PLN
(j)	Colombian Peso.	<b>COP</b>	COP/NOK	COP/NZD	COP/PEN	COP/PHP	COP/PKR	COP/PLN
(l)	Czech Koruna.	<b>CZK</b>	CZK/NOK	CZK/NZD	CZK/PEN	PHP/CZK	PKR/CZK	CZK/PLN
(m)	Danish Krone.	<b>DKK</b>	NOK/DKK	DKK/NZD	DKK/PEN	PHP/DKK	PKR/DKK	DKK/PLN
(q)	Egyptian Pound.	<b>EGP</b>	NOK/EGP	EGP/NZD	EGP/PEN	PHP/EGP	PKR/EGP	EGP/PLN
(s)	Euro.	<b>EUR</b>	NOK/EUR	NZD/EUR	PEN/EUR	PHP/EUR	PKR/EUR	PLN/EUR
(be)	Sterling.	<b>GBP</b>	NOK/GBP	NZD/GBP	PEN/GBP	PHP/GBP	PKR/GBP	PLN/GBP
(w)	Hong Kong Dollar.	<b>HKD</b>	HKD/NOK	HKD/NZD	HKD/PEN	PHP/HKD	PKR/HKD	HKD/PLN
(x)	Hungarian Forint.	<b>HUF</b>	HUF/NOK	HUF/NZD	HUF/PEN	HUF/PHP	HUF/PKR	HUF/PLN
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/NOK	IDR/NZD	IDR/PEN	IDR/PHP	IDR/PKR	IDR/PLN
(ab)	Israeli Shekel.	<b>ILS</b>	NOK/ILS	ILS/NZD		PHP/ILS		ILS/PLN
(y)	Indian Rupee.	<b>INR</b>	INR/NOK	INR/NZD	INR/PEN	PHP/INR	PKR/INR	INR/PLN
(bo)	Yen.	<b>JPY</b>	JPY/NOK	JPY/NZD	JPY/PEN	JPY/PHP	JPY/PKR	JPY/PLN
(af)	Korean Won.	<b>KRW</b>	KRW/NOK	KRW/NZD	KRW/PEN	KRW/PHP	KRW/PKR	KRW/PLN
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/NOK	LBP/NZD	LBP/PEN	LBP/PHP	LBP/PKR	LBP/PLN
(an)	Moroccan Dirham.	<b>MAD</b>	MAD/NOK	MAD/NZD	MAD/PEN	PHP/MAD	PKR/MAD	MAD/PLN
(am)	Mexican Peso.	<b>MXN</b>	MXN/NOK	MXN/NZD	MXN/PEN	PHP/MXN	PKR/MXN	MXN/PLN
(al)	Malaysian Ringgit.	<b>MYR</b>	NOK/MYR	MYR/NZD	MYR/PEN	PHP/MYR	PKR/MYR	MYR/PLN
(ap)	Norwegian Krone.	<b>NOK</b>	-	NOK/NZD	NOK/PEN	PHP/NOK	PKR/NOK	NOK/PLN
(ao)	New Zealand Dollar.	<b>NZD</b>	NOK/NZD	-	PEN/NZD	PHP/NZD	PKR/NZD	PLN/NZD
(ar)	Peruvian Sol.	<b>PEN</b>	NOK/PEN	PEN/NZD	-	PHP/PEN	PKR/PEN	PLN/PEN
(as)	Philippine Peso.	<b>PHP</b>	PHP/NOK	PHP/NZD	PHP/PEN	-	PKR/PHP	PHP/PLN
(aq)	Pakistani Rupee.	<b>PKR</b>	PKR/NOK	PKR/NZD	PKR/PEN	PKR/PHP	-	PKR/PLN
(at)	Polish Zloty.	<b>PLN</b>	NOK/PLN	PLN/NZD	PLN/PEN	PHP/PLN	PKR/PLN	-
(av)	Romanian New Leu.	<b>RON</b>	NOK/RON	RON/NZD	PEN/RON	PHP/RON	PKR/RON	PLN/RON
(aw)	Russian Ruble.	<b>RUB</b>	RUB/NOK	RUB/NZD	RUB/PEN	PHP/RUB	PKR/RUB	RUB/PLN
(bf)	Swedish Krona.	<b>SEK</b>	SEK/NOK	SEK/NZD	SEK/PEN	PHP/SEK	PKR/SEK	SEK/PLN
(ay)	Singapore Dollar.	<b>SGD</b>	NOK/SGD	SGD/NZD	PEN/SGD	PHP/SGD	PKR/SGD	PLN/SGD
(az)	Slovak Koruna.	<b>SKK</b>	SKK/NOK	SKK/NZD	SKK/PEN	PHP/SKK	PKR/SKK	SKK/PLN
(bi)	Thai Baht.	<b>THB</b>	THB/NOK	THB/NZD	THB/PEN	PHP/THB	PKR/THB	THB/PLN
(bj)	Turkish Lira.	<b>TRY</b>	NOK/TRY	TRY/NZD	PEN/TRY	PHP/TRY	PKR/TRY	PLN/TRY
(bh)	Taiwanese Dollar.	<b>TWD</b>	TWD/NOK	TWD/NZD	TWD/PEN	PHP/TWD	PKR/TWD	TWD/PLN
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	NOK/UAH	UAH/NZD	UAH/PEN	PHP/UAH	PKR/UAH	UAH/PLN
(bl)	U.S. Dollar.	<b>USD</b>	NOK/USD	USD/NZD	PEN/USD	PHP/USD	PKR/USD	PLN/USD
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/NOK	VEB/NZD	VEB/PEN	VEB/PHP	VEB/PKR	VEB/PLN
(bb)	South African Rand.	<b>ZAR</b>	ZAR/NOK	ZAR/NZD	ZAR/PEN	PHP/ZAR	PKR/ZAR	ZAR/PLN

<b>ARTICLE 4</b> <b>Section 4.3. Currencies.</b> <b>Currency Pair Matrix</b>								
<b>Currency Code</b>			<b>RON</b>	<b>RUB</b>	<b>SEK</b>	<b>SGD</b>	<b>SKK</b>	<b>THB</b>
(a)	Argentine Peso.	<b>ARS</b>	ARS/RON	RUB/ARS	SEK/ARS	ARS/SGD	SKK/ARS	THB/ARS
(b)	Australian Dollar.	<b>AUD</b>	RON/AUD	RUB/AUD	SEK/AUD	SGD/AUD	SKK/AUD	THB/AUD
(e)	Brazilian Real.	<b>BRL</b>	RON/BRL	RUB/BRL	SEK/BRL	BRL/SGD	SKK/BRL	THB/BRL
(g)	Canadian Dollar.	<b>CAD</b>	RON/CAD	RUB/CAD	SEK/CAD	SGD/CAD	SKK/CAD	THB/CAD
(bg)	Swiss Franc.	<b>CHF</b>	RON/CHF	RUB/CHF	SEK/CHF	SGD/CHF	SKK/CHF	THB/CHF
(h)	Chilean Peso.	<b>CLP</b>	CLP/RON	CLP/RUB	CLP/SEK	CLP/SGD	CLP/SKK	CLP/THB
(i)	Chinese Renminbi.	<b>CNY</b>	CNY/RON	RUB/CNY	CNY/SEK	CNY/SGD	SKK/CNY	THB/CNY
(j)	Colombian Peso.	<b>COP</b>	COP/RON	COP/RUB	COP/SEK	COP/SGD	COP/SKK	COP/THB
(l)	Czech Koruna.	<b>CZK</b>	CZK/RON	RUB/CZK	CZK/SEK	CZK/SGD	SKK/CZK	THB/CZK
(m)	Danish Krone.	<b>DKK</b>	DKK/RON	RUB/DKK	SEK/DKK	DKK/SGD	SKK/DKK	THB/DKK
(q)	Egyptian Pound.	<b>EGP</b>	EGP/RON	RUB/EGP	SEK/EGP	EGP/SGD	SKK/EGP	THB/EGP
(s)	Euro.	<b>EUR</b>	RON/EUR	RUB/EUR	SEK/EUR	SGD/EUR	SKK/EUR	THB/EUR
(be)	Sterling.	<b>GBP</b>	RON/GBP	RUB/GBP	SEK/GBP	SGD/GBP	SKK/GBP	THB/GBP
(w)	Hong Kong Dollar.	<b>HKD</b>	HKD/RON	RUB/HKD	HKD/SEK	HKD/SGD	SKK/HKD	THB/HKD
(x)	Hungarian Forint.	<b>HUF</b>	HUF/RON	HUF/RUB	HUF/SEK	HUF/SGD	HUF/SKK	HUF/THB
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/RON	IDR/RUB	IDR/SEK	IDR/SGD	IDR/SKK	IDR/THB
(ab)	Israeli Shekel.	<b>ILS</b>			SEK/ILS	ILS/SGD		THB/ILS
(y)	Indian Rupee.	<b>INR</b>	INR/RON	INR/RUB	INR/SEK	INR/SGD	INR/SKK	INR/THB
(bo)	Yen.	<b>JPY</b>	JPY/RON	JPY/RUB	JPY/SEK	JPY/SGD	JPY/SKK	JPY/THB
(af)	Korean Won.	<b>KRW</b>	KRW/RON	KRW/RUB	KRW/SEK	KRW/SGD	KRW/SKK	KRW/THB
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/RON	LBP/RUB	LBP/SEK	LBP/SGD	LBP/SKK	LBP/THB
(an)	Moroccan Dirham.	<b>MAD</b>	MAD/RON	RUB/MAD	MAD/SEK	MAD/SGD	SKK/MAD	THB/MAD
(am)	Mexican Peso.	<b>MXN</b>	MXN/RON	RUB/MXN	MXN/SEK	MXN/SGD	SKK/MXN	THB/MXN
(al)	Malaysian Ringgit.	<b>MYR</b>	MYR/RON	RUB/MYR	SEK/MYR	MYR/SGD	SKK/MYR	THB/MYR
(ap)	Norwegian Krone.	<b>NOK</b>	NOK/RON	RUB/NOK	SEK/NOK	NOK/SGD	SKK/NOK	THB/NOK
(ao)	New Zealand Dollar.	<b>NZD</b>	RON/NZD	RUB/NZD	SEK/NZD	SGD/NZD	SKK/NZD	THB/NZD
(ar)	Peruvian Sol.	<b>PEN</b>	PEN/RON	RUB/PEN	SEK/PEN	PEN/SGD	SKK/PEN	THB/PEN
(as)	Philippine Peso.	<b>PHP</b>	PHP/RON	PHP/RUB	PHP/SEK	PHP/SGD	PHP/SKK	PHP/THB
(aq)	Pakistani Rupee.	<b>PKR</b>	PKR/RON	PKR/RUB	PKR/SEK	PKR/SGD	PKR/SKK	PKR/THB
(at)	Polish Zloty.	<b>PLN</b>	PLN/RON	RUB/PLN	SEK/PLN	PLN/SGD	SKK/PLN	THB/PLN
(av)	Romanian New Leu.	<b>RON</b>	-	RUB/RON	SEK/RON	RON/SGD	SKK/RON	THB/RON
(aw)	Russian Ruble.	<b>RUB</b>	RUB/RON	-	RUB/SEK	RUB/SGD	SKK/RUB	THB/RUB
(bf)	Swedish Krona.	<b>SEK</b>	SEK/RON	RUB/SEK	-	SEK/SGD	SKK/SEK	THB/SEK
(ay)	Singapore Dollar.	<b>SGD</b>	RON/SGD	RUB/SGD	SEK/SGD	-	SKK/SGD	THB/SGD
(az)	Slovak Koruna.	<b>SKK</b>	SKK/RON	SKK/RUB	SKK/SEK	SKK/SGD	-	THB/SKK
(bi)	Thai Baht.	<b>THB</b>	THB/RON	THB/RUB	THB/SEK	THB/SGD	THB/SKK	-
(bj)	Turkish Lira.	<b>TRY</b>	RON/TRY	RUB/TRY	SEK/TRY	SGD/TRY	SKK/TRY	THB/TRY
(bh)	Taiwanese Dollar.	<b>TWD</b>	TWD/RON	TWD/RUB	TWD/SEK	TWD/SGD	TWD/SKK	THB/TWD
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	UAH/RON	RUB/UAH	SEK/UAH	UAH/SGD	SKK/UAH	THB/UAH
(bl)	U.S. Dollar.	<b>USD</b>	RON/USD	RUB/USD	SEK/USD	SGD/USD	SKK/USD	THB/USD
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/RON	VEB/RUB	VEB/SEK	VEB/SGD	VEB/SKK	VEB/THB
(bb)	South African Rand.	<b>ZAR</b>	ZAR/RON	RUB/ZAR	SEK/ZAR	ZAR/SGD	SKK/ZAR	THB/ZAR

<b>ARTICLE 4</b> <b>Section 4.3. Currencies.</b> <b>Currency Pair Matrix</b>								
<b>Currency Code</b>			<b>TRY</b>	<b>TWD</b>	<b>UAH</b>	<b>USD</b>	<b>VEB</b>	<b>ZAR</b>
(a)	Argentine Peso.	<b>ARS</b>	ARS/TRY	TWD/ARS	UAH/ARS	ARS/USD	VEB/ARS	ZAR/ARS
(b)	Australian Dollar.	<b>AUD</b>	TRY/AUD	TWD/AUD	UAH/AUD	USD/AUD	VEB/AUD	ZAR/AUD
(e)	Brazilian Real.	<b>BRL</b>	BRL/TRY	TWD/BRL	UAH/BRL	BRL/USD	VEB/BRL	ZAR/BRL
(g)	Canadian Dollar.	<b>CAD</b>	TRY/CAD	TWD/CAD	UAH/CAD	CAD/USD	VEB/CAD	ZAR/CAD
(bg)	Swiss Franc.	<b>CHF</b>	TRY/CHF	TWD/CHF	UAH/CHF	CHF/USD	VEB/CHF	ZAR/CHF
(h)	Chilean Peso.	<b>CLP</b>	CLP/TRY	CLP/TWD	CLP/UAH	CLP/USD	VEB/CLP	CLP/ZAR
(i)	Chinese Renminbi.	<b>CNY</b>	CNY/TRY	TWD/CNY	CNY/UAH	CNY/USD	VEB/CNY	CNY/ZAR
(j)	Colombian Peso.	<b>COP</b>	COP/TRY	COP/TWD	COP/UAH	COP/USD	COP/VEB	COP/ZAR
(l)	Czech Koruna.	<b>CZK</b>	CZK/TRY	TWD/CZK	CZK/UAH	CZK/USD	VEB/CZK	CZK/ZAR
(m)	Danish Krone.	<b>DKK</b>	DKK/TRY	TWD/DKK	DKK/UAH	DKK/USD	VEB/DKK	ZAR/DKK
(q)	Egyptian Pound.	<b>EGP</b>	EGP/TRY	TWD/EGP	EGP/UAH	EGP/USD	VEB/EGP	ZAR/EGP
(s)	Euro.	<b>EUR</b>	TRY/EUR	TWD/EUR	UAH/EUR	USD/EUR	VEB/EUR	ZAR/EUR
(be)	Sterling.	<b>GBP</b>	TRY/GBP	TWD/GBP	UAH/GBP	USD/GBP	VEB/GBP	ZAR/GBP
(w)	Hong Kong Dollar.	<b>HKD</b>	HKD/TRY	TWD/HKD	HKD/UAH	HKD/USD	VEB/HKD	HKD/ZAR
(x)	Hungarian Forint.	<b>HUF</b>	HUF/TRY	HUF/TWD	HUF/UAH	HUF/USD	VEB/HUF	HUF/ZAR
(z)	Indonesian Rupiah.	<b>IDR</b>	IDR/TRY	IDR/TWD	IDR/UAH	IDR/USD	IDR/VEB	IDR/ZAR
(ab)	Israeli Shekel.	<b>ILS</b>	ILS/TRY	TWD/ILS		ILS/USD	VEB/ILS	ZAR/ILS
(y)	Indian Rupee.	<b>INR</b>	INR/TRY	INR/TWD	INR/UAH	INR/USD	VEB/INR	INR/ZAR
(bo)	Yen.	<b>JPY</b>	JPY/TRY	JPY/TWD	JPY/UAH	JPY/USD	VEB/JPY	JPY/ZAR
(af)	Korean Won.	<b>KRW</b>	KRW/TRY	KRW/TWD	KRW/UAH	KRW/USD	VEB/KRW	KRW/ZAR
(ai)	Lebanese Pound.	<b>LBP</b>	LBP/TRY	LBP/TWD	LBP/UAH	LBP/USD	VEB/LBP	LBP/ZAR
(an)	Moroccan Dirham.	<b>MAD</b>	MAD/TRY	TWD/MAD	MAD/UAH	MAD/USD	VEB/MAD	MAD/ZAR
(am)	Mexican Peso.	<b>MXN</b>	MXN/TRY	TWD/MXN	MXN/UAH	MXN/USD	VEB/MXN	MXN/ZAR
(al)	Malaysian Ringgit.	<b>MYR</b>	MYR/TRY	TWD/MYR	UAH/MYR	MYR/USD	VEB/MYR	ZAR/MYR
(ap)	Norwegian Krone.	<b>NOK</b>	NOK/TRY	TWD/NOK	NOK/UAH	NOK/USD	VEB/NOK	ZAR/NOK
(ao)	New Zealand Dollar.	<b>NZD</b>	TRY/NZD	TWD/NZD	UAH/NZD	USD/NZD	VEB/NZD	ZAR/NZD
(ar)	Peruvian Sol.	<b>PEN</b>	PEN/TRY	TWD/PEN	UAH/PEN	PEN/USD	VEB/PEN	ZAR/PEN
(as)	Philippine Peso.	<b>PHP</b>	PHP/TRY	PHP/TWD	PHP/UAH	PHP/USD	VEB/PHP	PHP/ZAR
(aq)	Pakistani Rupee.	<b>PKR</b>	PKR/TRY	PKR/TWD	PKR/UAH	PKR/USD	VEB/PKR	PKR/ZAR
(at)	Polish Zloty.	<b>PLN</b>	PLN/TRY	TWD/PLN	UAH/PLN	PLN/USD	VEB/PLN	ZAR/PLN
(av)	Romanian New Leu.	<b>RON</b>	RON/TRY	TWD/RON	UAH/RON	RON/USD	VEB/RON	ZAR/RON
(aw)	Russian Ruble.	<b>RUB</b>	RUB/TRY	TWD/RUB	RUB/UAH	RUB/USD	VEB/RUB	RUB/ZAR
(bf)	Swedish Krona.	<b>SEK</b>	SEK/TRY	TWD/SEK	SEK/UAH	SEK/USD	VEB/SEK	SEK/ZAR
(ay)	Singapore Dollar.	<b>SGD</b>	SGD/TRY	TWD/SGD	UAH/SGD	SGD/USD	VEB/SGD	ZAR/SGD
(az)	Slovak Koruna.	<b>SKK</b>	SKK/TRY	TWD/SKK	SKK/UAH	SKK/USD	VEB/SKK	SKK/ZAR
(bi)	Thai Baht.	<b>THB</b>	THB/TRY	THB/TWD	THB/UAH	THB/USD	VEB/THB	THB/ZAR
(bj)	Turkish Lira.	<b>TRY</b>	-	TWD/TRY	UAH/TRY	TRY/USD	VEB/TRY	ZAR/TRY
(bh)	Taiwanese Dollar.	<b>TWD</b>	TWD/TRY	-	TWD/UAH	TWD/USD	VEB/TWD	TWD/ZAR
(bk)	Ukrainian Hryvnia.	<b>UAH</b>	UAH/TRY	TWD/UAH	-	UAH/USD	VEB/UAH	ZAR/UAH
(bl)	U.S. Dollar.	<b>USD</b>	TRY/USD	TWD/USD	UAH/USD	-	VEB/USD	ZAR/USD
(bm)	Venezuelan Bolivar.	<b>VEB</b>	VEB/TRY	VEB/TWD	VEB/UAH	VEB/USD	-	VEB/ZAR
(bb)	South African Rand.	<b>ZAR</b>	ZAR/TRY	TWD/ZAR	ZAR/UAH	ZAR/USD	VEB/ZAR	-