

# Dual Target Forward 雙目標遠期契約

報告人 07355003 許沛萱

#### Contract

**Spot Reference:** 1.3750 USD per EUR

Party A: Commerzbank AG Frankfurt

Party B: t.b.d.

**Currency Pair:** EUR/USD

**Trade Date:** t.b.d.

**Expiration Dates:** Monthly, 1 month – 12 months (subject to Target Event)

**Settlement Dates:** Expiration Dates + 2 business days (subject to Target Event)

**Notional Amount:** EUR 1,000,000 in respect of each FX Forward Transaction

(Settlement Amounts may differ from the Notional Amount for details

please refer to section 'Settlement Amount')

**Upfront Premium:** Commerzbank pays USD 50,000 value Trade Date + 2 business days

#### Contract

Strike: 1.41500 USD per EUR

Barrier: 1.4350 USD per EUR

Target: 0.10000 USD per EUR

**Target Count:** 4

**Leverage:** 100.00%

**Knock-Out Event1:** The Knock-Out Event is deemed to have occurred when the Cumulative

Intrinsic Value is greater than, or equal.  $(CVIP(i) \ge Trget)$ 

**Knock-Out Event2:** The Knock-Out Event is deemed to have occurred when the Cumulative

Intrinsic Value is greater than, or equal.  $(CVIP(i) \ge Trget)$ 

**Spot Rate:** The Spot Rate is expressed as the amount of USD per one EUR as

determined by the Calculation Agent in its sole direction, acting in a

reasonable manner.

### **Contract – Cumulative Intrinsic Value**

The Cumulative Intrinsic Value, CIVP(n), on any n-th Expiration Date is defined as the sum of positive Intrinsic Values, P(i), up to and including that Expiration Date.

$$CIVP(n) = Sum(P(i)),$$
  
 $from i = 1 to n$ 

Where,

$$P(i) = Max[0, Strike - Fixing Rate]$$



### **Contract – Cumulative Intrinsic Value**

The Cumulative Digital Value, CVP(n), on any n-th Expiration Date is defined as the sum of positive Digital Values, P(i), up to and including that Expiration Date.

$$CVP(n) = Sum(P(i)),$$
  
 $from i = 1 to n$ 

Where,

$$P(i) = \begin{cases} 1, Fixing Rate \ge Strike \\ 0, Fixing Rate < Strike \end{cases}$$



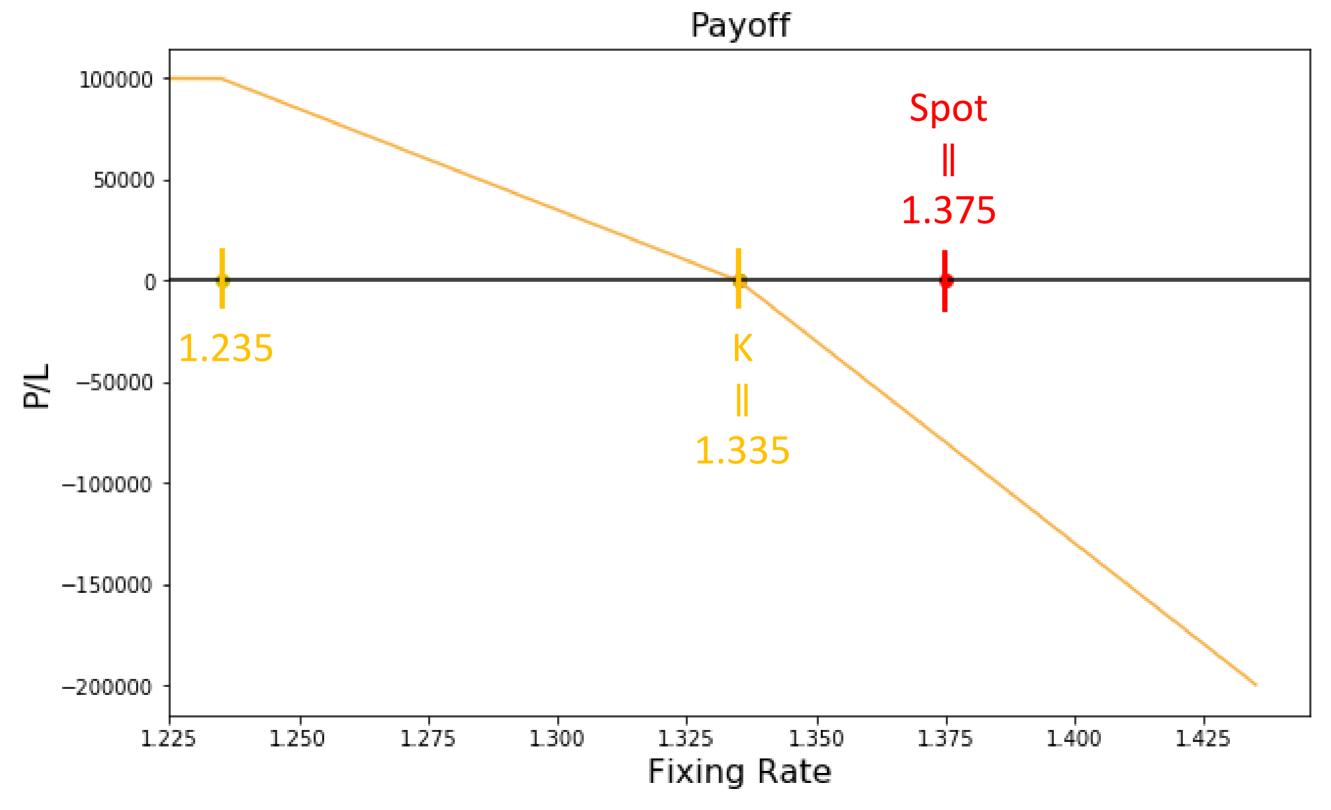
## Contract - Settlement Amounts

Party B pay (in EUR) Party A pay (in USD)	Neither Knock-Out Event 1 nor Knock-Out Event 2 has occurred on any Expiration Date	Either Knock-Out Event 1 or Knock-Out Event 2 has occurred on <u>Settlement Day</u>
(i) Fixing Rate ≥ Strike	Notional Amount	Notional Amount
	[Notional Amount * Strike]	[Notional Amount * Strike]
(iii) Fixing Rate < Strike	[Notional Amount * Leverage]	
	[Notional Amount * Leverage * Strike]	

# Payoff(設Event1或Event2都沒發生)



Short 1 Put + Long 2 Call 看跌ERU 看漲USD





若發生Event1或Event2,且Fixing Rate≥Strike, 則Party B需在結算日(Settlement Day)付Notional\*(Fixing Rate-Strike)給Party A



