



Product & Risk Disclosure – Cross Currency Swap

Cross Currency Swap (CCS)

Party A – Deutsche Bank AG, Mumbai Branch; Party B - User



Product Features

- In a CCS, the user swaps principal and coupon payments in FCY for INR as per a defined schedule
- The swap is made at a pre-agreed exchange rate (known as swap reference rate) and the user pays (or receives) relevant swap cost
- The user can convert a Fixed (Floating) FCY liability into a Floating (Fixed) INR liability
- The payments on both the legs can be customized in terms of frequency and type (fixed or floating) to meet user requirements

Benefits

- Protects against currency risk faced by user in FCY
- Protects against interest rate risk faced in floating rate borrowing
- Highly liquid and spans multiple currencies simultaneously
- Easily customizable to fit internal risk management strategy

Building Blocks

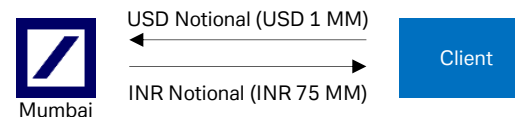
- Interest rate in FCY
- interest rate in INR
- Notional amounts in INR and FCY

Primary Risks

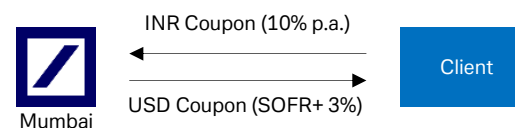
- Increase in FCY IRS
- Depreciation of FCY against INR
- Decrease in Modified MIFOR Rates

Payoff Illustration for (paying fixed) USDINR CCS

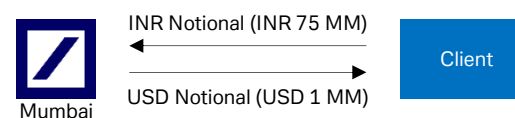
Initial Exchange



Interim Exchanges (as per repayment schedule)



Final Exchange



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Scenario Analysis

Scenarios below indicate potential gain/loss at maturity in INR Million (per 1 million USD) at different USD/INR Spot Rates for a USD 1 Million CCS at swap reference of 75.00. A positive number indicates that this scenario is in favour of Party B.

USD/INR spot ref on maturity	70	72	74	75	76	78	80
Net mtm (INR Million)	-5.00	-3.00	-1.00	0.00	1.00	3.00	5.00

The above table illustrates possible scenarios of this Transaction and the resulting cash-flows. It is important for Party B to acknowledge that there is no limit to the possible scenario variations on this Transaction

The analyses are provided to Party B for information purposes only and Party A does not make any representation or warranty to Party B in respect of the same. Party A shall not be liable for any errors or omissions made in calculating or disseminating the below analyses, or for any inaccuracies or flaws in the methodologies, adjustments or assumptions used in deriving the analyses

Contract terms and conditions – Option to Unwind and Early unwind date

An amount equal to Party A's total costs or loss (which shall be a positive number) or gain (which shall be a negative number) in connection with terminating all payments and contingent payments that would otherwise have been made under this transaction in the period from but excluding the relevant Optional Termination Date up to and including the originally scheduled Termination date.

Party A's total costs or loss shall include, without limitation, any loss of bargain, cost of funding, or loss or cost incurred as a result of Party A terminating, liquidating, obtaining or re-establishing any hedge or related position.

Party A shall provide the Mark to Market value of the trade as and when desired by Party B

User has the option to unwind this trade as specified in the relevant confirmation and subject to unwind costs.

Costs and Fees

Transactions of this nature are executed at an all-inclusive price and there would not be any separate breakup and recovery of costs, fees and other charges. Breakup will however be provided as per the extant RBI guidelines. This doesn't include statutory charges/levies and same will be recovered separately as applicable.

Cross Currency Swap (CCS) - Generic Risks



Market Risk

Market Risk is the risk that the value of a Transaction will be adversely affected by fluctuations in the level or volatility of or correlation or relationship between one or more market prices, rates or indices or other market factors or by illiquidity in the market for the Transaction or in a related market. In particular, leveraged Transactions will entail a higher degree of risk as the losses arising from a small market movement will be multiplied and you may be required to provide substantial margin at short notice to meet your obligations. Failure to meet such obligations may result in us having to liquidate your position at a loss for which you would be liable. You should also note that while we will seek to observe “stop loss” and “stop limit” orders, market conditions may prevent us from executing any “stop loss” or “stop limit” orders which may have been previously agreed.

Credit Risk

Credit Risk is the risk that we may, under certain circumstances, fail to perform our obligations to you when due.

Funding Risk

Funding Risk is the risk that, as a result of mismatches or delays in the timing of cash flows due from or to you under Transactions or related hedging, trading, collateral or other transactions, you will not have adequate cash available to fund current obligations.

Liquidity Risk

Liquidity Risk is the risk that due to prevailing market conditions it may not be possible to liquidate, nor to assess a fair value of your position. In addition, you should be aware that the operation of exchange rules or any power or system failure affecting electronic trading facilities may, in certain circumstances, impair or prevent us from liquidating or executing your Transactions, thus increasing the likelihood of loss..

Operational Risk

Operational Risk is the risk of loss to you arising from inadequacies in, or failures of, your internal procedures and controls for monitoring and quantifying the risks and contractual obligations associated with Transactions.

Currency Risk

The profit or loss from Transactions in foreign currencies will be affected by fluctuations in currency exchange rates where there is a need to convert from the currency denomination of the Transaction to another currency.

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