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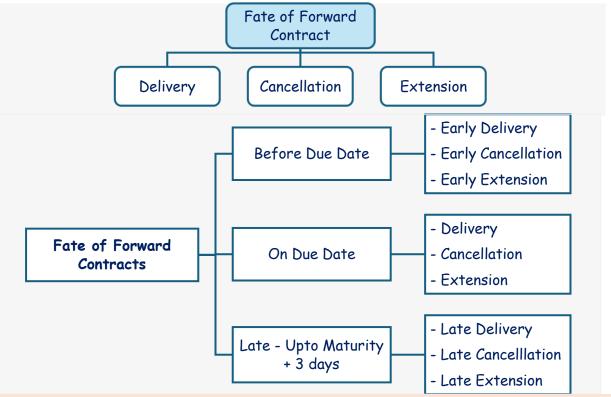


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Fate of Forward Contracts AFM



- •Forward contract overdue without instructions received on or before due date are automatically cancelled within 3 working days after maturity date.
- •Banks Cancel Org Contract on due date & Books Optionally Deliverable Forward Contract (ODFC) for Next 3 Days
- •If Org contract is sought to be extended, it shall be cancelled & rebooked for the new delivery period.
- •FEDAI Guidelines rounding off Rs. 0.0025
- •Whenever interbank rates are given and bank has to enter into a one side trans & cancel a contract, exchange margin will be applicable & it will be on the last cancellation by the bank

| S | Swap | Swap Charges are applicable when bank is buying & selling for diff time frames due to customer actions - one spot & other Fwd |
|------|--|---|
| F | Flat Charges | <u>Usually</u> nominal amount = ₹100 or ₹1000 or so; consider only if it is given in question - usually applicable in all cases where there is an impact |
| ED/C | Exchange Diff - Cancellation Gain / Loss | Diff between initial rate (agreed with customer) and interbank (sale / buy rate in market on due date) rate entered into by bank due to customer cancellation |
| I | Interest on funds | Interest is applicable whenever there is inflow and outflow of funds for Bank & In case of post maturity transactions, Bank's B to Back transaction rate will be considered; In other cases that rate will be ignored. In case of early delivery int is NOT computed using B/B rate |
| N | New Contract | Entered into in case of Extension or Cancellation & Delivery |

| | Action | Early Action | On Due Date | Late - Up to M + | Beyond M + 3 | |
|-----------------|--------------|--------------|----------------|----------------------------|---|--|
| | Delivery | 5+I | No impact | ED/C + I + 5 + N (Spot) | 4.4.4. | |
| Canc G / | Cancellation | ED/C | ED/C | ED/C+I+5 | Automatic Cancellation - ED/C + I + S | |
| New contract | Extension | ED/C+N | ED/C + N | ED/C + I + 5 + N (Fwd) | | |
| | | | No Interest | No profit share | | |

| On 10th July, an importer entered into a forward contract with bank for US \$ | 50000 | |
|--|----------|--|
| due on 10th September at an exchange rate of | ₹66.8400 | |
| The bank covered its position in the interbank market at | ₹66.6800 | |
| Exchange margin buying and selling. | 0.10% | |
| Interest on outlay of funds on pa basis | 12% | |
| You are required to show the calculations to: | | |
| How the bank would react if the customer requested on 7 th /10 th / 12th | | |
| (i)to cancel the contract? | | |
| (ii)to execute the contract? | | |
| (iii)to extend the contract with due date to fall on 10 th November? | | |

| | 7th Se | ptember | 10th Se | eptember | 12th September |
|-----------------------------|---------|---------|---------|----------|----------------|
| | Bid | Ask | Bid | Ask | Bid Ask |
| Spot | 66.3500 | 66.3700 | 66.1500 | 66.1700 | 65.9600 65.99 |
| Sep 10 th Fwd | 66.3800 | 66.4000 | NA | NA | NA NA |
| Spot/September Month End | 66.4800 | 66.5000 | 66.2800 | 66.3200 | 66.1200 66.18 |
| Spot/October | 66.5800 | 66.6000 | 66.4100 | 66.4300 | 66.2500 66.33 |
| Spot/November | 66.6800 | 66.7000 | 66.5600 | 66.6100 | 66.4000 66.49 |

| Date | Customer | Buy / Sell | USD | USDINR | INR | Bank | Buy / Sell | USD | USDINR | INR |
|------------|--|---------------|--------|---------|-----|--|----------------|--------|---------|-----------|
| 10th July | 2 Month forward - Maturity 10th Sep | Buy USD | 50,000 | 66.8400 | | Sell USD on 10th Sep | Sell USD | 50,000 | 66.8400 | |
| | | | | | | Back-to-Back :Buy forward Interbank | on Buy USD | 50,000 | 66.6800 | |
| | | | | | | | | | | |
| 7th Sep Ca | ncellation | | | | | | | | | |
| 07/09/2025 | Cancel request | | | | | Enter into forward to Sell in InterBa on 10th Sep | nk Sell USD | 50,000 | 66.3800 | |
| | | | | | | Less: Margin o.1% | | | 0.0664 | |
| | | | | | | Net Sell Price | | | 66.3136 | |
| | | | | | | Net Sale price Rounded Off | | | 66.3125 | |
| | | | | | | Exchange difference Loss for bank | ζ | | | |
| | | | | | | Original Sale Price | | 50,000 | 66.8400 | |
| | | | | | | Sale price in Interbank | | 50,000 | 66.3125 | |
| | | | | | | Exchange Gain / Loss | | 50,000 | 0.5275 | 26,375.00 |

| Date | Customer | Buy / Sell | USD | USDINR | INR | Bank | Buy / Sell | USD | USDINR | INR |
|----------------|-------------------|------------|--------|---------|-----|--|------------|--------|---------|-----------|
| 7th Sep Execut | ion | | | | | | | | | |
| 7th Sep | Execution Request | Buy USD | 50,000 | 66.8400 | | Buy on Spot in InterBank | Buy USD | 50,000 | 66.3700 | |
| | | | | | | Add: Margin 0.1% | | | 0.0664 | |
| | | | | | | Net Buy Price | | | 66.4364 | |
| | | | | | | Net Buy price Rounded Off | | | 66.4375 | |
| | | | | | | Close org InterBank contract | | | | |
| | | | | | | Back to Back: Sell forward on InterBank for 10 Sep Mat | Sell USD | 50,000 | 66.3800 | |
| | | | | | | Less: Margin | | | 0.0664 | |
| | | | | | | Net Sale Price | | | 66.3136 | |
| | | | | | | Net Sale price Rounded Off | | | 66.3125 | |
| | | | | | | | | | | |
| 10th Sep | | | | | | Buy Spot | Buy USD | 50,000 | 66.4375 | |
| | | | | | | Sell Forward | Sell USD | 50,000 | 66.3125 | |
| | | | | | | Net Swap Loss | | 50,000 | 0.1250 | 6,250.00 |
| Interest | | | | | | CashFlows | | | | |
| | | | | | | Spot Buy | Buy USD | 50,000 | 66.4375 | |
| | | | | | | Sell to Customer | Sell USD | 50,000 | 66.8400 | |
| | | | | | | Net CF | | 50,000 | 0.4025 | 20,125.00 |
| | | | | | | Days pre poned 10th Sep to 7 th Sep | | | | 3.00 |
| | | | | | | Int @ 12% | | | | 19.85 |
| | | | | | | | | | | |
| | | | | | | Swap Loss - Int | | | | 6,230.15 |

| Date | Customer | Buy / Sell | USD | USDINR | INR | Bank | Buy / Sell | USD | USDINR | INR |
|---------|------------------------|---------------|--------|--------|-----|------------------------------|---------------|--------|---------|-----------|
| 7th Sep | Extension | | | | | | | | | |
| 7th Sep | Extend to 10th Nov | | | | | Cancellation Loss | | 50,000 | 0.5275 | 26,375.00 |
| | New Contract | | | | | New Contract | | | | |
| 7th Sep | Buy USD on 10th Nov | Buy USD | 50,000 | | | Sell USD to Cust on 10th Nov | Sell USD | 50,000 | 66.7000 | |
| | | | | | | Add: Margin | | | 0.0667 | |
| | | | | | | Net Sale Price | | | 66.7667 | |
| | | | | | | Net Sale price Rounded Off | | | 66.7675 | |

| Date | Customer | Buy / Sell | USD | USDINR | INR | Bank | Buy / Sell | USD | USDINR | INR |
|-------------------|--------------------------|------------|--------|---------|-----|--------------------------------------|------------|--------|---------|-----------|
| 10th Sep Can | ncellation | | | | | | | | | |
| 10th Sep | Cancel request | | | | | Execute Interbank Buy Fwd Contract | Buy USD | 50,000 | 66.6800 | |
| | | | | | | Sell USD on Spot in InterBank | Sell USD | 50,000 | 66.1500 | |
| | | | | | | Less: InterBank Margin | | | 0.0662 | |
| | | | | | | Net Sell Price | | | 66.0839 | |
| | | | | | | Net Sale price Rounded Off | | | 66.0850 | |
| | | | | | | Exchange difference Loss for bank | | | | |
| | | | | | | Org Agreed Sale price to customer | | 50,000 | 66.8400 | |
| | | | | | | Sale price in Interbank | | 50,000 | 66.0850 | |
| | | | | | | Exchange Gain / Loss | | 50,000 | 0.7550 | 37,750.00 |
| | | | | | | | | | | |
| 10th Sep Exec | | | | | | | | | | |
| 10 S Execution | Sep Execution Request | Buy USD | 50,000 | 66.8400 | | Buy as per Org Interbank contract | Buy USD | 50,000 | 66.6800 | |
| | | | | | | Sell to Customer as per org contract | Sell USD | 50,000 | 66.8400 | |
| | | | | | | | | | | |
| 10th Sep Exte | nsion | | | | | | | | | |
| 10th Sep | Extend to 10th Nov | | | | | Cancellation Loss | | 50,000 | 0.7550 | 37,750.00 |
| | New Contract | | | | | New Contract | | | | |
| 10th Sep | Buy USD on 10th Nov | Buy USD | 50,000 | 66.6775 | | Sell USD to Cust on 10th Nov | Sell USD | 50,000 | 66.6100 | |
| | | | | | | Add: Margin | | | 0.0666 | |
| | | | | | | Net Sale Price | | | 66.6766 | |
| | | | | | | Net Sale price Rounded Off | | | 66.6775 | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Date | Customer | Buy / Sell | USD | USDINR | INR | Bank | Buy / Sell | USD | USDINR | INR |
|---------------------|------------------------------------|------------|----------|-----------|-----|---|---------------------|--------|--------------------|-----------|
| anth Co | n Cancellation | | | | | | | | | |
| 12th Se 10th Sep | p Cancellation No Action | | | | | Execute Interbank Buy Fwd Contract | Buy USD | 50,000 | 66.6800 | |
| | | | | | | Sell USD on Spot in InterBank Less: InterBank Margin | Sell USD | 50,000 | 66.1500 - | |
| | | | | | | Net Sell Price | | | 66.1500 | |
| | | | | | | Net Sale price Rounded Off | | | 66.1500 | |
| | | | | | | Enter into optionally deliverable forward contract for month end on Interbank Buy | Buy USD | 50,000 | 66.3200 | |
| 12 Sep Ca | ancellation request | | | | | Exercise ODFC & Buy Sell on Spot | Buy USD Sell USD | | 66.3200 65.9600 | |
| | | | | | | Less: InterBank Margin | | | 0.0660 | |
| | | | | | | Net Sell Price | | | 65.8940 | |
| | | | | | | Net Sale price Rounded Off | | | 65.8950 | |
| • | Cancellation loss is computed by | comparin | ng Origi | nal | | Swap Gain Loss | | | | |
| | Contract rate with customer & Las | • | | | | Buy Fwd | Buy USD | | 66.3200 | |
| | rate i.e ODFC Square off rate | e interbar | in odire | ottation | | Sell Spot | Sell USD | 50,000 | 66.1500 | |
| • | Margin is NOT computed on origin | al ODFC | & Squa | re off of | | Loss | | 50,000 | 0.1700 | 8,500.00 |
| | Interbank contract on due date | | · | | | Exchange Gain Loss | | | | |
| • | Interest is computed on flows that | t hannen d | on or be | efore due | | Last Interbank rate for cancellation | Sell USD | 50,000 | 65.8950 | |
| | date (Interbank org contract execu | | | | | Original Agreed rate for cancellation | Sell USD | 50,000 | 66.8400 | |
| | ord due date) & not after due date | • | ot sque | | | Loss for Bank | | 50,000 | 0.9450 | 47,250.00 |
| | | | | | | Interest Cost | | | | |
| | | | | | | Interbank Buy per org contract | Buy USD | 50,000 | 66.6800 | |
| | | | | | | Sell in Mkt on org date | Sell USD | 50,000 | 66.1500 | |
| | | | | | | Net CF | | 50,000 | 0.5300 | 26,500.00 |
| | | | | | | Days delayed | | | | 2.00 |
| | | | | | | Int @ 12% | | | | 17.42 |
| | | | | | | Swap + Loss + Int | | | | 55,767.42 |

| 12th Sep Execution | | | | | |
|---------------------|---|-------------|--------|---------|-----------|
| 10 Sep Cancellation | Swap + Loss + Int | | | | 55,767.42 |
| | | | | | |
| 12th Sep new Spot | Sell at Spot on 12th Sep to Customer | USD SELL | 50,000 | 65.9900 | |
| | Add: InterBank Margin | | | 0.0660 | |
| | Net Sell Price | | | 66.0560 | |
| | Net Sale price Rounded Off | | | 66.0550 | |
| | | | | | |
| 12th Sep Extension | | | | | |
| 10 Sep Cancellation | Swap + Loss + Int | | | | 55,767.42 |
| | | | | | |
| 12 Sep New Fwd | Sell at Fwd rate on 12 Sep for 11 Nov to Customer | USD SELL | 50,000 | 66.4900 | |
| | Add: InterBank Margin | | | 0.0665 | |
| | Net Sell Price | | | 66.5565 | |
| | Net Sale price Rounded Off | | | 66.5575 | |

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Thank You





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