**ORACLE FLEXCUBE** Accelerator Pack 12.1 – Product Catalogue



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# **Product catalogue - Consumer Lending Module (CL)**

# 1. Product Code – LRE3- Home Loans (Amortized Loans Product)

#### 1.1 Introduction:

This product can be used to create home loans with bearing interest calculation. Schedule type for this loan product is User Defined. Till full disbursement of loan pre emi interest calculated. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad-hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product. The loan contract is tracked in contingent GLs after it is written off.

#### **1.2 Business Scenario:**

Loans with bearing interest type (Amortized and simple) can be booked.

Interest calculation is based on principal expected and is User Defined (simple and amortized) based on frequencies.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is done through contingent accruals based on status movement.

Reporting assets in different heads based on status movement with or without rule maintenance.

Reporting assets in contingent heads after the contract reaches the worst status.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Manual rollover is set during maturity of loan.

#### 1.3 Synopsis:

- This product can be used to creating amortized loans.
- The disbursement mode is auto.
- The contracts are tracked in contingent heads after they reach adverse status.
- Currency, customer type and Branch restrictions are applied on the contracts.
- VAMI and prepayment re-computation type is Change Installment.

#### **1.4 Detailed Coverage:**

- Disbursement Mode
  - Auto
  - Rate (Cross currency transaction preference)
    - Normal variance : 1
    - Maximum variance: 3
    - Standard Middle rate is used
- Liquidation
  - o Auto liquidation
  - Liquidate all components for a date
- Holiday treatment for all schedules
  - Holidays ignored
- Account preferences
  - Track receivable auto liquidation enabled
  - Liquidate back value dated schedules allowed
  - Interest statement is enabled
  - Back period entry allowed
- Rollover
  - Manual rollover
  - Rolled over by days
  - Product UDEs are captured during rollover
  - Custom rollover is allowed.
  - Rollover schedule type is based on contract schedules.
  - Rollover components based on Principal and Interest.

- Re-computation of Amort Loan
  - Installment will be changed during VAMI action.
  - Multiple installments will be created during VAMI.
  - Prepayment of loan
    - Basis of re-computing the schedules is change EMI.
    - Prepayment is effective from value date of payment.
    - Multiple installments will be created during payment.

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- 4 days grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component has simple formula to calculate the pre emi interest before full disbursement of loan.
- This component has amortized formula to calculate the same repayment amount which includes principal and interest across schedules.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed or floating.
- Interest calculation method is Actual / 365.
- 4 days grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.
- Rate revision schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Equitable Mortgage charge

• Calculated based percentage based on amount financed.

Handling charge

• For handling charge any amount can be input during contract booking.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

With Holding Tax:

• With Holding tax enabled for Main Interest.

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

Currency restrictions:

• INR – Indian Rupee currency is restricted

Customer category restrictions:

• Corporate category is restricted

Branch restrictions:

• Branch (002) is restricted

#### **1.5 Events Covered:**

ACCR	-	Accrual
ADBK	-	Ad hoc Charge Booking
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
ARVN	-	Automatic Rate Revision
PROV	-	Provisioning
RACR	-	Reversal Accrual
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
SROL	-	Special Rollover
RNOG	-	Renegotiation of Contract
REOP	-	Reopen of the Account

-	CL_INIT_ADV
-	CL_CONT_ADV
-	CLST_SUMMARY
-	CR_ADV
-	CLST_DETAILED
-	DR_ADV
-	DELINQYADV
-	BILNOTC
	- - - - -

Interest Statement Advice	-	CL_INT_ST
Rate Change Advice	-	RATECH_#
Rollover Advice	-	CL_ROLL_
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT
CL Amendment Advice	-	CLAMDAD

- Account Simulation Advice
- Payment Advice
  - Payment Simulation Advice

#### 1.7 **Reports:**

Loan Maturity Report

- Accrual Control List
- **Overdue Schedule Report**
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 1.8 Additional Information (UDF) / Special maintenance:

UDF:

• Character UDF - RL\_RETAIL MIS:

#### MIS Classes •

- COS\_CENTR
- LOAN\_TYPE
- LOAN\_TERM

- тмт ADV
- \_ADV
- - L\_MESSAGE
  - ΟV
  - CL\_ENQUIRY -
- PAYMENT\_ADVICE -
- CL\_PAY\_SIM -

# 2. Product Code – LRE2- Vehicle/Personal Loans (Amortized Loans Product)

#### 2.1 Introduction:

This product can be used to create vehicle/personal loans with bearing interest calculation. Schedule type for this loan product is amortized. Prepayment penalty, Penalty on overdue EMI Amount, Status processing, Provisioning, Ad-hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 2.2 Business Scenario:

Loans with bearing interest type (Amortized) can be booked.

Interest calculation is based on principal expected and is amortized based on frequencies. Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Automatic Rollover of principal (Special Amount) during maturity of loan.

#### 2.3 Synopsis:

- This product can be used to creating amortized loans.
- The disbursement mode is auto.
- VAMI and prepayment re-computation type is Change Tenor.

#### 2.4 Detailed Coverage:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - Maximum variance: 3
  - Standard Middle rate is used
  - Liquidation
    - Auto liquidation
    - Liquidate all components for a date
    - Retries Auto Liquidation Days : 4
    - Retries for Advice : 3
- Holiday treatment for all schedules
- Holidays ignored
- Account preferences
  - $\circ \quad \text{Track receivable auto liquidation enabled}$
  - $\circ$   $\;$  Liquidate back value dated schedules allowed
  - o Interest statement is enabled
  - Back period entry allowed
  - Partial block release enabled
- Rollover
  - Automatic rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - Special rollover is allowed.
  - Rollover schedule type is based on contract schedules.
  - Principal and interest are rolled over during automatic rollover.
- Re-computation of Amort Loan
  - Tenor will be changed during VAMI action.
  - Multiple installments will be created during VAMI.

- Prepayment of loan
  - $\circ$   $\;$  Basis of re-computing the schedules is Reduce tenor.
  - Prepayment is effective from Next Installment of the payment.
  - Single installment will be created during payment.
  - Interest pay back is applicable for prepayment

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- 4 days grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component has amortized formula to calculate the same repayment amount which includes principal and interest across schedules.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed or floating.
- Interest calculation method is 30(Euro)/360.
- 4 days grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Handling charge

• For handling charge any amount can be input during contract booking.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on Overdue EMI amount:

- Penalty is calculated based on schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

Loan top-up

• Principal increase can be restricted with certain conditions at Top-up details

Collection Interest component:

- Collection Interest is calculated on principal expected balance
- This component has simple formula to calculate the repayment amount which is included in the EMI.
- This component has Include in EMI flag checked.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed or floating.
- Interest calculation method is 30(Euro)/360.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing Interest component:

- Processing Interest is calculated on principal expected balance
- This component has simple formula to calculate the repayment amount which is included in the EMI.
- This component has Include in EMI flag checked.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed or floating.
- Interest calculation method is 30(Euro)/360.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

#### 2.5 Events Covered:

ACCR	-	Accrual
ADBK	-	Ad hoc Charge Booking
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
RNOG	-	Re-Negotiation
ARVN	-	Automatic Rate Revision
PROV	-	Provisioning
RACR	-	Reversal Accrual
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
REOP	-	Reopen of the Account
INPL	-	Interest Pay Back
RINP	-	Reversal of Interest Pay back
SROL	-	Special Rollover

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED

Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Account Simulation Advice	-	CL_ENQUIRY
Payment Advice	-	PAYMENT_ADVICE
Payment Simulation Advice	-	CL_PAY_SIM

#### 2.7 Reports:

Loan Maturity Report

- Accrual Control List
- **Overdue Schedule Report**
- Periodic Rate Revision Report
- **Customer Loan Agreement**
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report

Loan Rollover Monitoring Report

Linked Contract Utilization Report

## 2.8 Additional Information (UDF) / Special maintenance:

UDF:

• Character UDF - RL\_RETAIL

MIS:

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

## 3. Product Code – LRT3 – Education Loans

#### 3.1 Introduction:

This product can be used to create education loans with bearing interest calculation. Schedule type for this loan product is amortized. Moratorium interest calculation is allowed in this product. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad-hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 3.2 Business Scenario:

Loans with bearing interest type (Amortized) can be booked.

Interest calculation is based on principal expected and is amortized based on frequencies.

Moratorium interest calculation is allowed in this product.

An Intermediate formula is used for Interest calculation

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Automatic Rollover of principal and interest during maturity of loan.

#### 3.3 Synopsis:

- This product can be used to creating amortized loans.
- The disbursement mode is manual.
- Moratorium period is applicable on loan contract. No repayment is allowed during this period. The interest accrued during this schedule is settled in the first amortized schedule.

#### **3.4 Detailed Coverage:**

- **Disbursement Mode** 
  - Manual
- Rate (Cross currency transaction preference)
  - Normal variance : 5
  - Maximum variance: 15
  - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
- Holiday treatment for all schedules
  - Holidays ignored
- Account preferences
  - Track receivable auto liquidation enabled
  - Interest statement is enabled
  - Back period entry allowed
- Rollover
  - o Automatic rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - $\circ$  Custom rollover is allowed.
  - Rollover schedule type is based on contract schedules.
  - Principal and interest are rolled over during automatic rollover.
- Re-computation of Amort Loan
  - Change Installment VAMI action.
  - Single installments will be created during VAMI.

- Prepayment of loan
  - Basis of re-computing the schedules is change EMI.
  - Prepayment is effective from value date of payment.
  - Multiple installments will be created during payment.

- Verify funds enabled.
- 4 days grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component has amortized formula to calculate the same repayment amount which includes principal and interest across schedules.
- Moratorium schedules are also available. Formulas are maintained for interest calculation during moratorium period and for settlement after the moratorium schedule.
- Accrued Monthly.
- Verify funds enabled.
- Interest type can be fixed or floating.
- Interest calculation method is actual / 365
- 4 days grace period is allowed for this component.
- Moratorium interest is calculated initially from value date of contract.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Handling charge

• For handling charge any amount can be input during contract booking.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Accrued Daily.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Accrued Daily.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

#### 3.5 Events Covered:

ACCR	-	Accrual
ADBK	-	Ad hoc Charge Booking
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
RNOG	-	Re-Negotiation
ARVN	-	Automatic Rate Revision
PROV	-	Provisioning
RACR	-	Reversal Accrual
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
SROL	-	Special Rollover
REOP	-	Reopen of the Account

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Account Simulation Advice	-	CL_ENQUIRY
Payment Advice	-	PAYMENT_ADVICE
Payment Simulation Advice	-	CL_PAY_SIM

#### 3.7 Reports:

Loan Maturity Report

Accrual Control List

Overdue Schedule Report

Periodic Rate Revision Report

**Customer Loan Agreement** 

Interest Calculation Analysis

Loan History

Loan Register

Event Report

Adverse Status Report

Loan Rollover Monitoring Report

Linked Contract Utilization Report

### 3.8 Additional Information (UDF) / Special maintenance:

UDF:

• Character UDF - RL\_RETAIL

MIS:

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# 4. Product Code - LRT4- Demand Loans (compounding)

#### 4.1 Introduction:

This product can be used to create long term loans with bearing interest calculation. Interest is compounded in this product. Loans created using this product can have Principal and interest schedules in different dates or in same dates. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product. The interest component is also re-compounded when it becomes overdue.

#### 4.2 Business Scenario:

Loans with bearing interest type can be booked.

Interest calculation based on principal expected and is compounded.

Interest is compounded on overdue.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Manual Rollover during maturity of loan.

#### 4.3 Synopsis:

- This product can be used to creating bearing loans with compounding interest.
- The disbursement mode is auto.
- The interest is compounded on overdue.
- Demand Loans can be transferred from source branch to any other branch.

#### 4.4 Detailed Coverage:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 5
  - Maximum variance: 15
  - Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial liquidation allowed
  - Holiday treatment
  - Ignored
- Account preferences
  - o Liquidate back value dated schedules allowed
  - Interest statement is enabled
  - Back period entry allowed
- Rollover
  - o Manual rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - Rollover schedule type is based on contract schedules.

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and is paid at the maturity of the contract.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance.
- Compounded monthly.
- Compounded on Overdue.
- Accrued Daily
- Verify funds enabled
- Interest type can be fixed or floating
- Interest calculation method is Actual / 365
- 4 days grace period is allowed for this component
- Repayment value date of contract and is paid at the maturity of the contract

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Handling charge

• For handling charge any amount can be input during contract booking.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

#### 4.5 Events Covered:

ACCR	-	Accrual
ADBK	-	Adhoc Charge Booking
ADCH	-	Adhoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
ARVN	-	Automatic Rate Revision
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
PROV	-	Provisioning
RACR	-	Reversal Accrual
REVN	-	Rate Revision
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
REOP	-	Reopen of the Account
RNOG	-	Renegotiation of Contract
TRFR	-	Branch Transfer
TADJ	-	Transfer Adjustments

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Payment Advice	-	PAYMENT_ADVICE

#### 4.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- Event Report
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 4.8 Additional Information (UDF) / Special maintenance:

UDF:

• Character UDF - RL\_RETAIL

MIS:

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

## 5. Product Code - LR78- Amortized Rule of 78 Product

#### 5.1 Introduction:

This product can be used to create home loans with bearing interest calculation. Schedule type for this loan product is amortized with the calculation based on the Rule of 78. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 5.2 Business Scenario:

Loans with interest calculated through Rule of 78 can be booked.

Interest calculation is based on principal expected and is amortized based on frequencies. Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Manual Rollover during maturity of loan.

#### 5.3 Synopsis:

- This product can be used to creating amortized loans where the interest is calculated by Rule of 78.
- The disbursement mode is auto.

#### 5.4 Detailed Coverage:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - o Maximum variance: 3
  - Standard Middle rate is used
- Liquidation
  - o Auto liquidation
- Liquidate all components for a day
- Holiday treatment for all schedules
  - Holidays ignored
- Account preferences
  - o Liquidate back value dated schedules allowed
  - o Interest statement is enabled
  - o Back period entry allowed
- Rollover
  - o Manual rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - Rollover schedule type is based on contract schedules.
- Re-computation of Amort Loan
  - Installment will be changed during VAMI action.
  - Multiple installments will be created during VAMI.
- Prepayment of loan
  - o Basis of re-computing the schedules is change EMI.
  - Prepayment is effective from value date of payment.
  - Multiple installments will be created during payment.

- Disbursement schedule starts from value date of contract.
- No grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component has amortized Rule of 78 formula.
- Accrued Daily.
- Interest type can be fixed or floating.
- Interest calculation method is Actual / 365.
- No grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Equitable Mortgage charge

• Calculated based percentage based on amount financed.

#### Handling charge

• For handling charge any amount can be input during contract booking.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on Customer Credit Rating.
- Depending on the Credit rating of the Customer Different rate of Provision Is applied.

#### 5.5 Events Covered:

ACCR	-	Accrual
ADBK	-	Ad hoc Charge Booking
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
ARVN	-	Automatic Rate Revision
PROV	-	Provisioning
RACR	-	Reversal Accrual
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
REOP	-	Reopen of the Account
RNOG	-	Renegotiation of Contract
SROL	-	Special Rollover

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Account Simulation Advice	-	CL_ENQUIRY
Payment Advice	-	PAYMENT_ADVICE
Payment Simulation Advice	-	CL_PAY_SIM

#### 5.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- Event Report
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 5.8 Additional Information (UDF) / Special maintenance:

MIS:

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# 6. Product Code – LCT1-Short and Medium Term Loan-(Bearing Loan with Auto Disbursement)

#### 6.1 Introduction:

This product can be used to create short and medium term loans with bearing interest calculation. Loans created using this product can have Principal and interest schedules in different dates or in same dates. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 6.2 Business Scenario:

Loans with bearing interest type can be booked.

Interest calculation based on principal expected.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Rollover for principal is automatic during maturity of loan.

#### 6.3 Synopsis:

- This product can be used to creating simple bearing loans.
- The disbursement mode is auto.
- If the loans become bad assets (based on the number of days the principal and interest are overdue), the outstanding mount will move to the GLs earmarked for bad assets.
- Provisioning is done for outstanding principal amount.

#### 6.4 Detailed Coverage:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - Maximum variance: 3
  - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial Liquidation Allowed
  - Liquidate all components for a date
- Holiday treatment
  - Schedules are cascaded
  - Schedule movement is move forward
- Account preferences
  - o Interest statement is enabled
  - o Back period entry allowed
  - Track receivables on Auto Liquidation
  - Liquidate Back value Dated schedules allowed
- Rollover
  - Automatic rollover
  - o Rolled over by days
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - o Rollover schedule type is based on Product schedules.
  - Principal is rolled over during automatic rollover.

- Verify funds enabled.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance
- Calculation method Actual/Actual
- Accrued monthly
- IRR enabled
- Verify funds enabled
- Interest type can be fixed or floating
- Interest calculation method defaulted from currency definitions
- 4 days grace period is allowed for this component
- Repayment schedule starts from value date of contract and schedule frequency is monthly.
- Rate Revision schedules starts form value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Disbursement charge component:

• For disbursement charge any amount can be input during disbursements.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.
- Penalty on overdue principal component:
- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.
- Prepayment Penalty component:
- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

#### 6.5 Events Covered:

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
NOVA	-	Novation (Customer change)
PROV	-	Provisioning
RACR	-	Reversal Accrual
REOP	-	Re-Open of Loan Account
RNOG	-	Re-Negotiation
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
SROL	-	Special Rollover
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rollover Advice	-	CL_ROLL_ADV
Payment Message	-	PAYMENT_MESSAGE
Payment Advice	-	PAYMENT_ADVICE
CL Amendment Advice	-	CLAMDADV

#### 6.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 6.8 Additional Information (UDF) / Special maintenance:

UDF:

- Character UDF RL\_CORPORATE
- Number UDF LOAN\_CUST\_PAN\_NUMBER
- Date UDF LOAN\_DATE

MIS:

- MIS Group
  - MIS\_GRP1
- Pool Code
  - o POOL2
- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# 7. Product Code – LCT2- Long Term Loans-(Bearing loan with Manual Disbursement)

#### 7.1 Introduction:

This product can be used to create long term loans with bearing interest calculation. Loans created using this product can have Principal and interest schedules in different dates or in same dates. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad-hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 7.2 Business Scenario:

Loans with bearing interest type can be booked.

Interest calculation based on principal expected.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Rollover for principal is automatic during maturity of loan.

#### 7.3 Synopsis:

- This product can be used to creating simple bearing loans.
- The disbursement mode is manual.

#### 7.4 Detailed Coverage:

Preferences:

- Disbursement Mode
  - Manual
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - Maximum variance: 3
  - o Standard Middle rate is used
- Liquidation
  - o Manual liquidation
  - Liquidate each component across dates
  - Holiday treatment
  - o Ignored
- Account preferences
  - Track receivable on automatic liquidation
  - Liquidate back value dated schedules allowed
  - Interest statement is enabled
  - Back period entry allowed
- Rollover
  - o Automatic rollover
  - Rolled over by days
  - o Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - Rollover schedule type is based on Product schedules.
  - Principal and Main Interest are rolled over during automatic rollover.

Principal Component:

- Verify funds enabled.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance
- Calculation method 30(Euro)/360
- Accrued Daily
- Verify funds enabled
- Interest type can be fixed or floating
- 4 days grace period is allowed for this component
- Repayment schedule starts from value date of contract and schedule frequency is monthly.
- First Prepayment schedule is a Moratorium Schedule

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.

Disbursement charge component:

• For disbursement charge any amount can be input during disbursements.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

## 7.5 Events Covered:

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
NOVA	-	Novation (Customer change)
PROV	-	Provisioning
RACR	-	Reversal Accrual
RNOG	-	Re-Negotiation
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
SROL	-	Special Rollover
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
TRFR	-	Branch Transfer
TADJ	-	Transfer Adjustments

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Payment Advice	-	PAYMENT_ADVICE

#### 7.7 **Reports:**

Loan Maturity Report

Accrual Control List

**Overdue Schedule Report** 

Periodic Rate Revision Report

**Customer Loan Agreement** 

Interest Calculation Analysis

Loan History

Loan Register

Event Report

Adverse Status Report

Loan Rollover Monitoring Report

Linked Contract Utilization Report

#### 7.8 Additional Information (UDF)/Special maintenance:

UDF:

• Character UDF - RL\_CORPORATE

MIS:

.

- MIS Group
  - MIS\_GRP1
  - Pool Code
  - o POOL1 **MIS Classes**
  - - COS\_CENTR
       LOAN\_TYPE
       LOAN\_TERM

# 8. Product Code - LCT3 - Capitalized Loans

#### 8.1 Introduction:

This product can be used to create loans with bearing interest calculation and interest is capitalized based on frequencies. Loans created using this product can have Principal and interest schedules in different dates or in same dates. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Adhoc charges, Handlings charges, Processing charges, and Stamp Duty are handled in this product.

#### 8.2 Business Scenario:

Loans with bearing interest type can be booked.

Interest calculation is based on principal expected and is capitalized based on frequencies. Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

The loan contract is tracked in contingent GLs after it is moved to Doubtful Status.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

User defined Role to head mapping for assets in different heads based on status movement. Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Automatic principal rollover during maturity of loan.

#### 8.3 Synopsis:

- This product can be used to creating simple bearing loans.
- The disbursement mode is manual.
- Stamp Duty can be collected on the loan contracts created through this product
- The asset GL is user defined for different status.

#### 8.4 Detailed Coverage:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - Maximum variance: 3
  - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial liquidation allowed
  - Retry Auto Liquidation days 5
  - Retries For Advices 3
  - o Liquidate All components for a date
- Holiday treatment
  - Schedule can move across months
  - o Schedule movement is move backward
- Account preferences
  - o Liquidate back value dated schedules allowed
  - o Interest statement is enabled
  - Back period entry allowed
  - Track receivable Auto Liquidation allowed
- Rollover is not allowed

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and is paid as bullet amount at the maturity date of the contract.
- 4 days grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component is capitalized towards principal.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed or floating.
- Interest calculation method is Actual / 365.
- 4 days grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.

Disbursement charge component:

• For disbursement charge any amount can be input during disbursements.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Stamp Duty Component:

- Stamp Duty is calculated on the total outstanding amount.
- The stamp duty is collected on every calendar quarter-end.

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

#### 8.5 Events Covered:

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
NOVA	-	Novation (Customer change)
PROV	-	Provisioning
RACR	-	Reversal Accrual
REOP	-	Re-Open of Loan Account
RNOG	-	Re-Negotiation
SROL	-	Special Rollover
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
STDX	-	Stamp Duty

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
CL Amendment Advice	-	CLAMDADV

#### 8.7 **Reports:**

- Loan Maturity Report
- Accrual Control List
- **Overdue Schedule Report**
- Periodic Rate Revision Report
- **Customer Loan Agreement**
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 8.8 Additional Information (UDF) / Special maintenance:

UDF:

Character UDF - RL\_CORPORATE

- MIS Group
  - MIS\_GRP1
- Pool Code .
  - o POOL2
- MIS Classes
  - COS\_CENTRLOAN\_TYPE
  - LOAN\_TERM

# 9. Product Code - LCL1- Home Loans (For Loan Against Salary)

#### 9.1 Introduction:

This product can be used to create home loans with bearing interest (Amortized) calculation. Schedule type for this loan product is amortized. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product. The product can be used for loans against salary.

#### 9.2 Business Scenario:

Loans with bearing interest type can be booked.

Interest calculation is based on principal expected and is amortized based on frequencies. Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Rollover for principal is automatic during maturity of loan.

The loan account is settled through salary account.

#### 9.3 Synopsis:

- This product can be used to creating amortized loans
- The disbursement mode is auto.
- The loan contracts created through this product can be settled through salary account.

#### 9.4 Detailed Coverage:

Preferences:

- Disbursement Mode
  - o Auto
  - Rate (Cross currency transaction preference)
    - Normal variance : 10
    - Maximum variance: 20
    - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Holiday treatment for all schedules
    - Holidays ignored
- Account preferences
  - Liquidate back value dated schedules allowed
  - o Interest statement is enabled
  - o Back period entry allowed
  - Notary Confirmation Required is enabled.
  - Amend Past Paid schedules allowed.

- Rollover
  - Automatic rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - o Rollover schedule type is based on contract schedules.
  - o Principal and Main Interest are rolled over during automatic rollover.
- Re-computation of Amortized Loan at Amendments
  - Change Installment action is followed.
  - o Installment Calculation type followed is Multiple installments.
- Prepayment of loan
  - Basis of re-computing the schedules is change EMI.
  - o Prepayment is effective from value date of payment.
  - Prepay Equated Monthly Installment Type is Multiple installments.
- Rate Plan Change Frequency
  - Tenor is 1 Year.
- Rate Plan Window
  - o Tenor is one Month.
- Interest Preference
  - Interest only is period to be given maximum of 10 months.
- For Loan against salary.
- Track Receivable auto liquidation.

**Principal Component:** 

- Disbursement schedule starts from value date of contract.
- No grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component has amortized formula to calculate the same repayment amount which includes principal and interest across schedules.
- Accrued Daily.
- Interest type can be fixed or floating.
- Interest calculation method is Actual / 365.
- No grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.

Ad-hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Handling charge

• For handling charge any amount can be input during contract booking.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on Customer Credit Rating.
- Depending on the Credit rating of the Customer Different rate of Provision Is applied.

### 9.5 Events Covered:

ACCR	-	Accrual
ADCH	-	Adhoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
ARVN	-	Automatic Rate Revision
PROV	-	Provisioning
RACR	-	Reversal Accrual
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
PWOF	-	Partial Write Off

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV

#### 9.7 **Reports:**

- Loan Maturity Report
- Accrual Control List
- **Overdue Schedule Report**
- Periodic Rate Revision Report
- **Customer Loan Agreement**
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 9.8 Additional Information (UDF) / Special maintenance:

- MIS Group • • MIS\_GRP1
- Pool Code • o POOL3
- MIS Classes •
  - $\circ$  COS\_CENTR
  - LOAN\_TYPE
    LOAN\_TERM

# **10. Product Code – LCL2- Home Loans (Loans with Guarantor)**

#### **10.1** Introduction:

This product can be used to create home loans with bearing interest calculation. Schedule type for this loan product is amortized. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Adhoc charges, Handlings charges, Processing charge are handled in this product. A guarantor's account can be used for settlement of loan account if the borrowers account doesn't have sufficient balance.

#### **10.2 Business Scenario:**

Loans with bearing interest type can be booked.

Interest calculation is based on principal expected and is amortized based on frequencies.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

An Intermediate formula has been introduced to derive the interest rate for Main interest component

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Rollover for principal is automatic during maturity of loan.

A guarantor's account can be used for settlement of loan account, in case the borrower's account doesn't have sufficient balance.

#### 10.3 Synopsis:

- This product can be used to creating amortized loans
- The disbursement mode is auto.
- The loan contracts created through this product can be settled through a guarantor's account.

#### **10.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - o Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - o Maximum variance: 3
  - Standard Middle rate is used
- Liquidation
  - Manual liquidation
  - Holiday treatment for all schedules
  - Holidays ignored
- Account preferences
  - Liquidate back value dated schedules allowed
  - o Interest statement is enabled
  - Back period entry allowed
  - Amend Past Paid schedules allowed.
- Rollover
  - $\circ \quad \text{Automatic rollover}$
  - $\circ \quad \text{Rolled over by days} \\$
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.

- Rollover schedule type is based on contract schedules.
- Principal is rolled over during automatic rollover.
- Re-computation of Amortized Loan at Amendments
  - Change Installment action is followed.
    - Installment Calculation type followed is single installments.
- Prepayment of loan
  - Basis of re-computing the schedules is Reduce Tenor.
  - Prepayment is effective from value date of payment.
  - Prepay Equated Monthly Installment Type is Multiple installments.
- Rate Plan Change Frequency
  - Tenor is 1 Year.
- Rate Plan Window
  - Tenor is 1 Month.
- Guarantor Account Applicable Status(NORM)

Principal Component:

- Disbursement schedule starts from value date of contract.
- No grace period is allowed for this component.

Main Interest Component:

- Based on principal expected balance.
- This component has simple formula to calculate the pre emi interest before full disbursement of loan.
- This component has amortized formula to calculate the same repayment amount which includes principal and interest across schedules.
- Accrued Daily.
- Intermediate formula is maintained where in the Main Interest will be calculated based on Z\_INTRMDT\_RATE.
- Interest type can be fixed or floating.
- Interest calculation method is 30(US)/360.
- 4 Grace Days are allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Handling charge

• For handling charge any amount can be input during contract booking.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

• Penalty is calculated on prepaid amount.

• Separate rate can be maintained for prepayment penalty

VAT component:

• VAT is calculated on processing charge

Provision component:

- Provision is calculated based on Loan Status.
- Depending on the Credit rating of the Customer Different rate of Provision Is applied.

#### **10.5 Events Covered:**

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
PROV	-	Provisioning
RACR	-	Reversal Accrual
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rollover Advice	-	CL_ROLL_ADV

#### 10.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- Event Report
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### **10.8** Additional Information (UDF) / Special Maintenance:

- MIS Group
  - MIS\_GRP1
- Pool Code

   POOL1
- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# **11. Product Code – LDS1- Discounted Loans**

#### **11.1** Introduction:

This product can be used to create discounted loans. Interest is discounted and collected upfront during disbursement. Loans created using this product can have only one interest schedule on the disbursement date. Penalty on overdue principal, Status processing, Provisioning, Adhoc charges, Processing charges, Service tax on charges are handled in this product.

#### 11.2 Business Scenario:

Loans with discounted interest type can be booked. Interest calculation based on principal expected. Overdue penalty calculation based on principal schedule overdue. Assigning status to loans based on overdue days. Reporting assets in different heads based on status movement.

#### 11.3 Synopsis:

- This product can be used to create discounted loans
- The disbursement mode is auto.
- Discounted Loans can be transferred from source branch to any other branch.

#### **11.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - o Maximum variance: 3
  - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Retries Auto Liquidation Days : 5
  - Retries for Advice : 2
  - Holiday treatment
    - Move forward
  - Account preferences
    - o Track receivable on automatic liquidation
    - o Interest statement is enabled
    - Back period entry allowed
- Rollover
  - o Rollover not allowed

**Principal Component:** 

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and is paid monthly.
- 4 days grace period is allowed for this component

#### Main Interest Component:

- Based on discounted interest calculation.
- Calculation based on principal expected balance.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed only.

- Interest calculation method is Actual / 365.
- Interest is paid during disbursement of loan.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

#### **11.5 Events Covered:**

ACCR	-	Accrual
ADCH	-	Adhoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
PROV	-	Provisioning
RACR	-	Reversal Accrual
TRFR	-	Branch Transfer
TADJ	-	Transfer Adjustments

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP

Payment Message Payment Advice

- PAYMENT\_MESSAGE
- PAYMENT\_ADVICE

#### 11.7 Reports:

Loan Maturity Report Accrual Control List Overdue Schedule Report Periodic Rate Revision Report Customer Loan Agreement Interest Calculation Analysis Loan History Loan Register Event Report Adverse Status Report Loan Rollover Monitoring Report

#### 11.8 Additional Information (UDF)/Special maintenance:

#### UDF:

• Character UDF - RL\_RETAIL

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# 12. **Product Code – LDS2- True Discounted Loans**

#### 12.1 Introduction:

This product can be used to create true discounted loans. Interest is discounted and collected upfront during disbursement. Loans created using this product can have only one interest schedule on the disbursement date. Penalty on overdue principal, Status processing, Provisioning, Ad-hoc charges, Processing charges, Service tax on charges are handled in this product.

#### **12.2 Business Scenario:**

Loans with true discounted interest type can be booked. Interest calculation based on principal expected. Overdue penalty calculation based on principal schedule overdue. Assigning status to loans based on overdue days. Reporting assets in different heads based on status movement.

#### 12.3 Synopsis:

- This product can be used to creating true discounted loans
- The disbursement mode is auto.

#### **12.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - o Maximum variance: 3
  - Standard Middle rate is used
  - Liquidation
    - Auto liquidation
    - Retries Auto Liquidation Days : 5
    - Retries for Advice : 3
- Holiday treatment
  - Ignored
  - Account preferences
    - Track receivable on automatic liquidation
    - o Interest statement is enabled
    - Back period entry allowed
- Rollover
  - o Not allowed

Principal Component:

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and is paid monthly.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on true discounted interest calculation.
- Calculation based on principal expected balance.
- Accrued Daily.
- Verify funds enabled.
- Interest type can be fixed only.
- Interest calculation method is Actual / 365.

• Interest is paid during disbursement of loan.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

#### 12.5 Events Covered:

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation Provisioning
PROV	-	
RACR	-	Reversal Accrual

-	CL_INIT_ADV
-	CL_CONT_ADV
-	CLST_SUMMARY
-	CR_ADV
-	CLST_DETAILED
-	DR_ADV
-	DELINQYADV
-	BILNOTC
-	COUPON
-	CL_CAP
-	PAYMENT_MESSAGE
-	PAYMENT_ADVICE
	- - - - - -

### 12.7 Reports:

- Loan Maturity Report
- Accrual Control List
- **Overdue Schedule Report**
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- Event Report
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 12.8 Additional Information (UDF)/Special maintenance:

#### UDF:

• Character UDF - RL\_RETAIL

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

## 13. Product Code – LPA1- Bearing Loan with Payment in Advance

#### 13.1 Introduction:

This product can be used to create short and medium term loans with bearing interest calculation. Loans created using this product can have Principal and interest schedules in different dates or in same dates. One principal schedules is created on the date of disbursement which has to be paid in advance. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad-hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 13.2 Business Scenario:

Loans with bearing interest type and payment in advance can be booked.

Interest calculation based on principal expected.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Rollover for principal is automatic during maturity of loan.

#### 13.3 Synopsis:

- This product can be used to create simple bearing loans with payment in advance.
- When a loan is created, a payment schedule will be created by default for the principal component with value date same as the disbursement date. The amount will be equal to the principal due for the remaining schedules.
- The disbursement mode is auto.

#### **13.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - Maximum variance: 3
  - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial liquidation allowed
  - Liquidate Each Component Across Dates
  - Holiday treatment
    - Ignored
- Account preferences
  - Track receivable on automatic liquidation
  - Liquidate back value dated schedules allowed
  - o Interest statement is enabled
  - Back period entry allowed
- Rollover
  - Automatic rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - Rollover schedule type is based on product schedules.
  - Principal is rolled over during automatic rollover.

• Payment in Advance

Principal Component:

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance
- Rule type is Simple payment in advance
- Accrued Daily
- Verify funds enabled
- Interest type can be fixed or floating
- Interest calculation method is Actual/Actual.
- 4 days grace period is allowed for this component
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Ad-hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Handling charge component:

• For handling charge any amount can be input during disbursements.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.
- Prepayment Penalty component:
- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

### 13.5 Events Covered:

ACCR	-	Accrual
ADBK	-	Ad hoc Charge Booking
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
NOVA	-	Novation (Customer change)
PROV	-	Provisioning
RACR	-	Reversal Accrual
REOP	-	Re-Open of Loan Account
RNOG	-	Re-Negotiation
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
SROL	-	Special Rollover
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
ARVN	-	Automatic Rate Revision
REVN	-	Periodic Rate Revision

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Payment Advice	-	PAYMENT_ADVICE

#### 13.7 **Reports:**

- Loan Maturity Report
- Accrual Control List
- **Overdue Schedule Report**
- Periodic Rate Revision Report
- **Customer Loan Agreement**
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report

Linked Contract Utilization Report

#### Additional Information (UDF) / Special maintenance: 13.8

#### UDF:

- Number UDF LOAN\_CUST\_PAN\_NUMBER •
- Character UDF RL CORPORATE
- Date UDF LOAN\_DATE •

- MIS Classes
  - COS\_CENTRLOAN\_TYPE

  - LOAN\_TERM

## 14. Product Code – LPA2- Amortized Loan with Payment in Advance

#### 14.1 Introduction:

This product can be used to create short and medium term loans with amortized interest calculation. One principal schedules is created on the date of disbursement which has to be paid in advance. The amount paid in advance is equal to the EMI which is paid in the remaining schedules. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad-hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product.

#### 14.2 Business Scenario:

Amortized loans with payment in advance can be booked.

Interest calculation based on principal expected.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Rollover for principal is automatic during maturity of loan.

#### 14.3 Synopsis:

- This product can be used to creating amortized loans with payment in advance.
- When a loan is created, a payment schedule will be created by default for the principal component with value date same as the disbursement date. The amount will be equal to the EMI for the remaining schedules.
- The disbursement mode is auto.

#### 14.4 Detailed Coverage:

Preferences:

- Disbursement Mode
  - o Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 1
  - o Maximum variance: 3
  - Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial liquidation allowed
  - Liquidate Each Component Across Dates
  - Holiday treatment
    - o Ignored
- Account preferences
  - Track receivable on automatic liquidation
  - $\circ$   $\;$  Liquidate back value dated schedules allowed
  - Interest statement is enabled
  - Back period entry allowed
- Rollover
  - Automatic rollover
  - Rolled over by days
  - Contract UDEs are captured during rollover
  - Custom rollover is allowed.
  - Rollover schedule type is based on product schedules.
  - Principal is rolled over during automatic rollover.

• Payment in Advance

Principal Component:

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance
- Rule type is Amortized payment in advance.
- Accrued Daily
- Verify funds enabled
- Interest type can be fixed or floating
- Interest calculation method is Actual/Actual
- 4 days grace period is allowed for this component
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Ad-hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Handling charge component:

• For handling charge any amount can be input during disbursements.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

### 14.5 Events Covered:

ACCR	-	Accrual
ADBK	-	Ad hoc Charge Booking
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
NOVA	-	Novation (Customer change)
PROV	-	Provisioning
RACR	-	Reversal Accrual
REOP	-	Re-Open of Loan Account
RNOG	-	Re-Negotiation
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
SROL	-	Special Rollover
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
ARVN	-	Automatic Rate Revision
REVN	-	Periodic Rate Revision

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Payment Advice	-	PAYMENT_ADVICE

#### 14.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

## 14.8 Additional Information (UDF) / Special maintenance:

UDF:

- Number UDF LOAN\_CUST\_PAN\_NUMBER
- Character UDF RL\_CORPORATE
- Date UDF LOAN\_DATE

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# **15. Product Code – OLL1- Open Line Loans-(Minimum Amount Due Method)**

#### **15.1** Introduction:

This product can be used to create open line loans with bearing interest calculation. The amount for auto liquidation for the current billing period is calculated with a user defined formula. Penalty on overdue minimum amount, Status processing, Processing Fee, Prepayment penalty are handled in this product.

#### 15.2 Business Scenario:

Open Line Loans (like a credit card loan) with bearing interest type can be booked. The amount to be auto liquidated for a billing period is calculated through user defined formula.

Interest calculation is based on principal expected.

Overdue penalty calculation based on minimum amount schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

#### 15.3 Synopsis:

- This product can be used to creating open line loans
- The disbursement mode is manual.
- For auto liquidation, the amount is calculated through the minimum amount due method.
- A user defined formula is maintained to calculate the minimum amount due.

#### **15.4 Detailed Coverage:**

#### Preferences:

- Disbursement Mode
  - Manual
- Rate (Cross currency transaction preference)
  - Normal variance : 1
    - Maximum variance: 3
    - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial Liquidation Allowed
  - Retries Auto Liquidation Days: 5
  - Liquidate All Components for a Date
  - Holiday treatment for all schedules
    - Holidays ignored
- Re-computation of Amortized Loan
  - Installment will be changed during VAMI action.
    - Single installments will be created during VAMI.
- Revolving Type
- Open Line Loans
- Credit Days 10
- Auto Liquidation Basis Minimum Amount Due

**Principal Component:** 

- 1 day grace period is allowed for this component.
- Repayment schedule starts from value date of contract and is paid as bullet amount at the maturity date of the contract.

Main Interest Component:

- Based on principal expected balance.
- This component has simple formula to calculate the interest
- Accrued Daily.
- Interest type can be fixed.
- Interest calculation method is Actual / 365.
- 1 day grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing Fee component:

• Fixed amount is maintained

Penalty on overdue minimum amount component:

- Penalty is calculated based on minimum amount schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment penalty component:

- Penalty is prepaid amount.
- Separate rate can be maintained for calculation of penalty.

Minimum Amount Due Method:

- Multiple user defined formulas is maintained. Minimum Amount due is calculated based on status of loan.
- The amount is calculated based on principal expected, Total Outstanding, Principal Outstanding or Amount financed.

#### **15.5 Events Covered:**

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
ARVN	-	Automatic Rate Revision
BNTC	-	Billing Notice Event
RACR	-	Reversal Accrual
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation
CLOS	-	Closure for Off-Balance Sheet Comp

### 15.6 Advices / Statements supported:

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Payment Advice	-	PAYMENT_ADVICE

#### 15.7 Reports:

Loan Maturity Report Accrual Control List Overdue Schedule Report Periodic Rate Revision Report **Customer Loan Agreement** Interest Calculation Analysis Loan History Loan Register **Event Report** Adverse Status Report Loan Rollover Monitoring Report Linked Contract Utilization Report

#### 15.8 Additional Information (UDF) / Special maintenance:

# MIS:

#### MIS Classes •

- COS\_CENTR
   LOAN\_TYPE
   LOAN\_TERM

# 16. **Product Code – OLL2- Open Line Loans-(Percentage of Amount Due)**

#### **16.1** Introduction:

This product can be used to create open line loans with bearing interest calculation. The amount for auto liquidation for the current billing period is calculated based on the percentage of total amount due. Penalty on minimum amount overdue, Status processing, Processing Fee, Prepayment penalty are handled in this product.

#### **16.2 Business Scenario:**

Open Line Loans (like a credit card loan) with bearing interest type can be booked. The amount to be auto liquidated for a billing period is based on percentage of total amount due.

Interest calculation is based on principal expected.

Overdue penalty calculation based on minimum amount schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

#### 16.3 Synopsis:

- This product can be used to creating open line loans
- The disbursement mode is manual.
- For auto liquidation, the amount is calculated as a percentage of total amount due.
- A fixed percentage is maintained to calculate the amount due.

#### **16.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - Manual
  - Rate (Cross currency transaction preference)
    - Normal variance : 1
    - Maximum variance: 3
    - $\circ$   $\,$  Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Allow Partial Liquidation
  - Liquidate All Components for a Date
  - Holiday treatment for all schedules
    - Holidays ignored
- Re-computation of Amort Loan
  - Installment will be changed during VAMI action.
  - Multiple installments will be created during VAMI.
- Revolving Type
- Open Line Loans
- Credit days 10
- Auto Liquidation Basis % of Amount Due
- Percentage 90

Principal Component:

- 1 day grace period is allowed for this component.
- Repayment schedule starts from value date of contract and is paid as bullet amount at the maturity date of the contract.

Main Interest Component:

- Based on principal expected balance.
- This component has simple formula to calculate the interest
- Accrued Daily.
- Interest type can be fixed.
- Interest calculation method is Actual / 365.
- 1 day grace period is allowed for this component.
- Repayment schedule starts from value date of contract and schedule frequency is monthly.

Processing Fee component:

• Fixed amount is maintained

Penalty on overdue minimum amount component:

- Penalty is calculated based on minimum amount schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment penalty component:

- Penalty is prepaid amount.
- Separate rate can be maintained for calculation of penalty.

Minimum Amount Due Method:

• User defined formula is maintained. The amount is calculated based on principal expected

#### 16.5 Events Covered:

ACCR	-	Accrual
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
REVN	-	Rate Revision
ARVN	-	Automatic Rate Revision
CLOS	-	Closure for Off-Balance Sheet Comp
RACR	-	Reversal Accrual
BNTC	-	Billing Notice Event
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation

-	CL_INIT_ADV
-	CL_CONT_ADV
-	CLST_SUMMARY
-	CR_ADV
-	CLST_DETAILED
-	DR_ADV

Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Payment Advice	-	PAYMENT_ADVICE

### 16.7 Reports:

Loan Maturity Report

- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- **Customer Loan Agreement**
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 16.8 Additional Information (UDF) / Special maintenance:

- MIS Classes
  - COS\_CENTR
     LOAN\_TYPE
     LOAN\_TERM

# 17. Product Code – LCPR - Loans for LC-against bill

#### 17.1 Introduction:

This product can be used to create loans against the bill, with bearing interest calculation. Loans created using this product can have Principal and interest schedules in different dates or in same dates. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Ad hoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product. The interest component is also re-compounded when it becomes overdue.

#### 17.2 Business Scenario:

Loans against the Bill, with bearing interest type can be booked.

Interest calculation based on principal expected.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Automatic Rollover for principal during maturity of loan.

#### 17.3 Synopsis:

- This product can be used to creating bearing loans with compounding interest.
- The disbursement mode is auto.
- The interest is compounded on overdue.

#### **17.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - Auto
  - Rate (Cross currency transaction preference)
    - Normal variance : 5
    - Maximum variance: 15
    - o Standard Middle rate is used
- Liquidation
  - Auto liquidation
  - Partial liquidation allowed
- CL against Bill YES
- Holiday treatment
  - ∘ Ígnored
  - Account preferences
    - Track receivable on automatic liquidation
    - Liquidate back value dated schedules allowed
    - Interest statement is enabled
    - Back period entry allowed
- Rollover
  - Automatic rollover
  - o Rolled over by days
  - $\circ$   $\,$  Contract UDEs are captured during rollover  $\,$
  - $\circ$  Custom rollover is allowed.
  - $\circ$   $\;$  Rollover schedule type is based on Product schedules.
  - Principal is rolled over during automatic rollover.

Principal Component:

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and is paid at the maturity of the contract.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance.
- Compounded monthly.
- Compounded on Overdue.
- Accrued Daily
- Verify funds enabled
- Interest type can be fixed or floating
- Interest calculation method is Actual / Actual
- 4 days grace period is allowed for this component
- Repayment value date of contract and is paid at the maturity of the contract

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Handling charge

• For handling charge any amount can be input during contract booking.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

### 17.5 Events Covered:

ACCR	-	Accrual
RNOG	-	Renegotiation of Contract
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
ARVN	-	Automatic Rate Revision
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
PROV	-	Provisioning
RACR	-	Reversal Accrual
REVN	-	Rate Revision
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Payment Advice	-	PAYMENT_ADVICE

### 17.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- Event Report
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 17.8 Additional Information (UDF) / Special maintenance:

#### UDF:

Character UDF - RL\_CORPORATE

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# 18. Product Code – LCPC - Loans for LC-Packing Credit

#### **18.1** Introduction:

This product can be used to create loans with packing credit, with bearing interest calculation. Loans created using this product can have Principal and interest schedules in different dates or in same dates. Prepayment penalty, Penalty on overdue interest & principal, Status processing, Provisioning, Adhoc charges, Handlings charges, Processing charges, Service tax on charges are handled in this product. The interest component is also re-compounded when it becomes overdue.

#### **18.2 Business Scenario:**

Loans with packing credit, with bearing interest type can be booked.

Interest calculation based on principal expected.

Overdue penalty calculation based on principal schedule overdue and interest schedule overdue.

Assigning status to loans based on overdue days.

Income recognition is stopped based on status movement.

Unrecognized interest is reversed based on status movement.

Reporting assets in different heads based on status movement.

Automatic reverse status movements and rebooking reversed interest amounts based on payments.

Automatic Rollover for principal during maturity of loan.

#### 18.3 Synopsis:

- This product can be used to creating bearing loans with compounding interest.
- The disbursement mode is auto.
- The interest is compounded on overdue.

#### **18.4 Detailed Coverage:**

Preferences:

- Disbursement Mode
  - Auto
- Rate (Cross currency transaction preference)
  - Normal variance : 5
  - Maximum variance: 15
  - $\circ \quad \text{Standard Middle rate is used} \\$
- Liquidation
  - o Manual liquidation
- Packing Credit product YES
  - Holiday treatment
    - ∘Ílgnored
  - Account preferences
    - Track receivable on automatic liquidation
    - Liquidate back value dated schedules allowed
    - Interest statement is enabled
    - Back period entry allowed
- Rollover
  - Automatic rollover
  - $\circ$   $\,$  Rolled over by days
  - $\circ$   $\,$  Contract UDEs are captured during rollover  $\,$
  - $\circ$  Custom rollover is allowed.
  - $\circ$   $\,$  Rollover schedule type is based on Product schedules.
  - Principal is rolled over during automatic rollover.

Principal Component:

- Verify funds enabled.
- Disbursement schedule starts from value date of contract.
- Repayment schedule starts from value date of contract and is paid at the maturity of the contract.
- 4 days grace period is allowed for this component

Main Interest Component:

- Based on principal expected balance.
- Compounded monthly.
- Compounded on Overdue.
- Accrued Daily
- Verify funds enabled
- Interest type can be fixed or floating
- Interest calculation method is Actual / Actual
- 4 days grace period is allowed for this component
- Repayment value date of contract and is paid at the maturity of the contract

Processing charge component:

- Minimum and maximum charges are maintained.
- Any amount can be input during booking of contract.
- If calculated charge is less than minimum charge, then minimum charge is collected.
- If calculated charge is more than maximum charge, then maximum charge is collected.
- If calculated charge is neither less than minimum charge nor more than maximum charge, then charge calculated based on amt financed is collected.

Handling charge

• For handling charge any amount can be input during contract booking.

Ad hoc charge component:

• Any amount could be charged at any time during the lifecycle of the contract.

Penalty on overdue interest component:

- Penalty is calculated based on main interest schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Penalty on overdue principal component:

- Penalty is calculated based on principal schedule overdue.
- Separate rate can be maintained for calculation of penalty.

Prepayment Penalty component:

- Penalty is calculated on prepaid amount.
- Separate rate can be maintained for prepayment penalty

Service tax component:

• Service tax is calculated on processing charge

Provision component:

- Provision is calculated based on status of loan, loan outstanding and secured portion of loan.
- If secured portion is more than the loan outstanding then separate rate for provisioning is applied.
- If secured portion is less than the loan outstanding then separate rate for provisioning is applied.

### **18.5 Events Covered:**

ACCR	-	Accrual
RNOG	-	Renegotiation of Contract
ADCH	-	Ad hoc Charge Application
ALIQ	-	Automatic Liquidation
BOOK	-	Booking of contract
ARVN	-	Automatic Rate Revision
DSBR	-	Disbursement
INIT	-	Contract Initiation
MLIQ	-	Manual Liquidation
PROV	-	Provisioning
RACR	-	Reversal Accrual
REVN	-	Rate Revision
ROLB	-	Rollover Booking
ROLL	-	Rollover of Contract
VAMB	-	Value Dated Amendment Booking
VAMI	-	Value Dated Amendment Initiation

Loan Initiation Advice	-	CL_INIT_ADV
Contract Advice	-	CL_CONT_ADV
Loan Summary statement Advice	-	CLST_SUMMARY
Credit Advice	-	CR_ADV
Loan detailed Statement Advice	-	CLST_DETAILED
Debit Advice	-	DR_ADV
Delinquency Advice	-	DELINQYADV
Billing Advice	-	BILNOTC
Interest Statement Advice	-	CL_INT_STMT
Rate Change Advice	-	RATECH_ADV
Rollover Advice	-	CL_ROLL_ADV
Coupon Book generation	-	COUPON
Capitalization Advice	-	CL_CAP
Payment Message	-	PAYMENT_MESSAGE
CL Amendment Advice	-	CLAMDADV
Payment Advice	-	PAYMENT_ADVICE

### 18.7 Reports:

- Loan Maturity Report
- Accrual Control List
- Overdue Schedule Report
- Periodic Rate Revision Report
- Customer Loan Agreement
- Interest Calculation Analysis
- Loan History
- Loan Register
- **Event Report**
- Adverse Status Report
- Loan Rollover Monitoring Report
- Linked Contract Utilization Report

#### 18.8 Additional Information (UDF) / Special maintenance:

#### UDF:

Character UDF - RL\_CORPORATE

- MIS Classes
  - COS\_CENTR
  - LOAN\_TYPE
  - LOAN\_TERM

# Annexure –A

### **BPEL Process Flow Support**

The loan origination is supported for Retail and Corporate product categories in Loans module. The details in brief are given below.

### **Process Flows:**

- Retail Loan Origination Process Flow.
- Corporate Loan Origination Process Flow.

#### **Stages in Retail Loan Origination**

- Application Entry ORDRLAPP
- Application Verification ORDRLVER
- Internal KYC ORDRLIKC
- External KYC ORDRLEKC
- Underwriting ORDRLUND
- Loan Approval ORDRLAPR
- Document Verification ORDRLDVR
- Manual Retry ORDRLMCU

#### Stages in Corporate Loan Origination

- Application Entry ORDCLAPP
- Application Verification ORDCLVER
- Internal KYC ORDCLIKC
- External KYC ORDCLEKC
- Underwriting ORDCLUND
- Loan Approval ORDCLAPR
- Document Verification ORDCLDVR
- Manual Retry ORDCLMCU

### **Maintenances Required**

- Rule Maintenance
- Ratio Maintenance
- Pricing Maintenance
- Application Category Maintenance

# **Process Matrix - Retail**

Stage	Stage Title	Description	Function Id	Stage Outcome
1	Application Entry	<ul> <li>The following details are captured as part of this stage</li> <li>✓ Application Details</li> <li>✓ Applicant Details</li> <li>✓ Applicant's Account Details</li> <li>✓ Applicant's Account MIS &amp; UDF Details</li> <li>✓ Requested Loan Details</li> <li>✓ Limits Information (Liability, Facility, Pool)</li> <li>✓ Collateral Details</li> <li>✓ Document Capture</li> <li>✓ Stage Comments</li> </ul>	ORDRLAPP	PROCEED, CANCEL
2	Application Verification	The details captured as part of 'Application Entry' stage is verified & following details are captured as part of this stage ✓ Document Capture ✓ Stage Comments	ORDRLVER	PROCEED, RETURN, CANCEL
3	Internal KYC	The Customer will be verified for Internal KYC check and reviewed & also following details are captured as part of this stage ✓ Document Capture ✓ Stage Comments	ORDRLIKC	PROCEED, CANCEL
4	External KYC	The Customer will be verified for External KYC check and reviewed & also following details are captured as part of this stage ✓ Document Capture ✓ Stage Comments	ORDRLEKC	PROCEED, CANCEL
5	Underwriting	<ul> <li>The following details are captured as part of this stage</li> <li>Collateral Valuation</li> <li>Applicant Financial Ratios</li> <li>Applicant Credit Score</li> <li>Applicant Bureau Report</li> <li>Loan Offers</li> <li>Loan Components</li> <li>Loan Charges</li> <li>Document Capture</li> <li>Stage Comments</li> </ul>	ORDRLUND	VERIFY, PROCEED, RETURN , CANCEL
6	Loan Approval	The details captured as part of 'Underwriting' stage is verified & Approved. The following details are captured as part of this stage ✓ Document Capture ✓ Stage Comments	ORDRLAPR	PROCEED, RETURN , CANCEL
7	Document Verification	<ul> <li>The details captured as part of 'Underwriting' stage is verified &amp; following details are captured as part of this stage</li> <li>✓ Document Capture</li> <li>✓ Stage Comments</li> <li>After proceeding this stage following core activities done in the following sequential order</li> <li>✓ Applicant Creation</li> <li>✓ Applicant Account Creation</li> <li>✓ Applicants Limits (Liability, Facility, Collateral, Pool) creation</li> <li>✓ Loan Creation</li> </ul>	ORDRLDVR	PROCEED, RETURN , CANCEL
8	Manual Retry	Stage is optional. Task will be moved to this stage only when the system can't able to create Customer/ Customer Account/ Liability/ Facility/ Collateral/ pool/ Loan. User has to do necessary changes & retry the same	ORDRLMCU	PROCEED

# **Process Matrix – Corporate**

Stage	Stage Title	Description	Function Id	Stage Outcome
1	Application Entry	<ul> <li>The following details are captured as part of this stage</li> <li>Application Details</li> <li>Applicant Details</li> <li>Applicant's Account Details</li> <li>Applicant/Applicant's Account MIS &amp; UDF Details</li> <li>Requested Loan Details</li> <li>Limits Information (Liability, Facility, Pool)</li> <li>Collateral Details</li> <li>Document Capture</li> <li>Stage Comments</li> </ul>	ORDCLAPP	PROCEED CANCEL
2	Application Verification	<ul> <li>The details captured as part of 'Application Entry' stage is verified &amp; following details are captured as part of this stage</li> <li>✓ Document Capture</li> <li>✓ Stage Comments</li> </ul>	ORDCLVER	PROCEED, RETURN, CANCEL
3	Internal KYC	<ul> <li>The Customer will be verified for Internal KYC check and reviewed &amp; also following details are captured as part of this stage</li> <li>✓ Document Capture</li> <li>✓ Stage Comments</li> </ul>	ORDCLIKC	PROCEED, CANCEL
4	External KYC	<ul> <li>The Customer will be verified for External KYC check and reviewed &amp; also following details are captured as part of this stage</li> <li>✓ Document Capture</li> <li>✓ Stage Comments</li> </ul>	ORDCLEKC	PROCEED, CANCEL
5	Underwriting	<ul> <li>The following details are captured as part of this stage</li> <li>Collateral Valuation</li> <li>Applicant Financial Ratios</li> <li>Applicant Credit Score</li> <li>Applicant Bureau Report</li> <li>Loan Offers</li> <li>Loan Components</li> <li>Loan Charges</li> <li>Document Capture</li> <li>Stage Comments</li> </ul>	ORDCLUND	VERIFY, PROCEED, RETURN, CANCEL
6	Loan Approval	<ul> <li>The details captured as part of 'Underwriting' stage is verified &amp; Approved. The following details are captured as part of this stage</li> <li>✓ Document Capture</li> <li>✓ Stage Comments</li> </ul>	ORDCLAPR	PROCEED, RETURN, CANCEL
7	Document Verification	<ul> <li>The details captured as part of 'Underwriting' stage is verified &amp; following details are captured as part of this stage</li> <li>Document Capture</li> <li>Stage Comments         <ul> <li>After proceeding this stage following core activities done in the following sequential order</li> <li>Applicant Creation</li> <li>Applicants Limits (Facility, Collateral, Pool) creation</li> <li>Loan Creation</li> </ul> </li> </ul>	ORDCLDVR	PROCEED, RETURN, CANCEL
8	Manual Retry	Stage is optional. Task will be moved to this stage only when the system can't able to create Customer/ Customer Account/ Liability/ Facility/ Collateral/ pool/ Loan. User has to do necessary changes & retry the same	ORDCLMCU	PROCEED

# Annexure –B

### **Consumer Lending - Gateway Services**

Oracle FLEXCUBE is using synchronous and asynchronous gateway services to ensure data flow from external system to FCUBS in XML format.

Bank can use gateway services for communicating external system to FLEXCUBE. Loans module is also supporting gateway operations.

#### **Supported Gateway Services for Loans**

Following gateway services are major contributor to Loans Module

Serivce Name	Service Description	Operations	Operation Description
	Consumer Lending Online	•	Query of Consumer Lending
FCUBSCLService	Service	QueryCustSum	Customer Summary
	Consumer Lending Online		Query of Consumer Lending
FCUBSCLService	Service	QueryClInfo	Account
	Consumer Lending Online		Query of Consumer Lending
FCUBSCLService	Service	QueryAutosuspInfo	Liquidation Suspension
	Consumer Lending Online		Query of Consumer Lending
FCUBSCLService	Service	QueryAccount	Account
	Consumer Lending Online		Modification of Consumer
FCUBSCLService	Service	ModifyProduct	Lending Product
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteVami	Value Dated Amendments
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteStatusChange	Status Change
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteRollover	Account Rollover
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteRenog	Account Renegotiation
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteProduct	Product
	Consumer Lending Online		
FCUBSCLService	Service	DeleteNotaryConfirm	DeleteNotaryConfirm
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteInstStatChg	Installment Status Change
	Consumer Lending Online	5	Deletion of Consumer Lending
FCUBSCLService	Service	DeleteCLAdhoc	Adhoc Charge
	Consumer Lending Online		Deletion of Consumer Lending
FCUBSCLService	Service	DeleteAccount	Account
	Consumer Lending Online		Creation of Consumer Lending
FCUBSCLService	Service	CreateVami	Value Dated Amendments
	Consumer Lending Online		Creation of Consumer Lending
FCUBSCLService	Service	CreateProduct	Product
	Consumer Lending Online		
FCUBSCLService	Service	CreateNotaryConfirm	CreateNotaryConfirm
	Consumer Lending Online		Creation of Consumer Lending
FCUBSCLService	Service	CreateAccount	Account
	Consumer Lending Online		Authorization of Consumer
FCUBSCLService	Service	AuthorizeProduct	Lending Product
	Consumer Lending Online	AuthorizeNotaryConf	
FCUBSCLService	Service	irm	AuthorizeNotaryConfirm
	Consumer Lending Online		
FCUBSCLService	Service	AuthorizeMortgage	AuthorizeMortgage
	Consumer Lending Online		Authorization of Consumer
FCUBSCLService	Service	AuthorizeAccount	Lending Account
			Authorization of Consumer
	Consumer Lending Online		Lending Value Dated
FCUBSCLService	Service	AuthVami	Amendments
	Consumer Lending Online		Authorization of Consumer
FCUBSCLService	Service	AuthStatusChange	Lending Account Status Change
	Consumer Lending Online		Authorization of Consumer
FCUBSCLService	Service	AuthRollover	Lending Account Rollover
	Consumer Lending Online	AuthRenog	Authorization of Consumer

Service		Lending Account Renegotiation
Consumer Lending Online		Authorization of Consumer
Service	AuthReassign	Lending Account Reassignment
		Authorization of Consumer
		Lending Installment Status
	AuthInstStatChg	Change
5		Authorization of Consumer
	AuthDisbursement	Lending Disbursement
0		Authorization of Consumer
	AuthCLAdhoc	Lending Adhoc Charge
	A eti ya Dellavya r	Input of Consumer Lending Account Rollover
	ActiveRollover	
5	Cim Dev meant	Input of Consumer Lending
	SimPayment	Payment Simulation
5	SoveStatueChange	Input of Consumer Lending Account Status Change
	SaveStatusChange	Input of Consumer Lending
		Account Rollover
	Savertonover	Input of Consumer Lending
	SavePoversal	Account Reversal
	Saverversai	Input of Consumer Lending
•	SaveRenog	Account Renegotiation
	Gavertenog	Input of Consumer Lending
0	SaveReassign	Account Reassignment
	Gaverteassign	Input of Consumer Lending
5	SaveInstStatChg	Installment Status Change
		Input of Consumer Lending
5	SaveInactive	Inactive Account
	Gaveniaeuve	Input of Consumer Lending
5	SaveCLAdhoc	Adhoc Charge
		Input of Consumer Lending
	SaveAccountActivate	Account Activation
		Input of Consumer Lending
	SaveAccSim	Account Simulation
Consumer Lending Online		Input of Consumer Lending
Service	SaveALiqdSusp	Liquidation suspension
Consumer Lending Online	• •	Reversal of Consumer Lending
Service	ReverseRollover	Account Rollover
Consumer Lending Online		Reversal of Consumer Lending
Service	ReverseRenog	Account Renegotiation
Consumer Lending Online		Reversal of Consumer Lending
Service	ReverseInstStatChg	Installment Status Change
		Reverse of Consumer Lending
	RevCLAdhoc	Adhoc
•		Query of Consumer Lending
	QueryVami	Value Dated Amendments
0		Query of Consumer Lending
	QueryRollover	Account Rollover
0	QuartiDates	Query of Consumer Lending
	QueryRenog	Account Renegotiation
0	Our am (Des shurs)	Query of Consumer Lending
Service	QueryProduct	Product Query of Consumer Lending
	1	
Consumer Lending Online	QuaryBrateah	
Service	QueryPmntSch	Payment Schedules
Service Consumer Lending Online		Payment Schedules
Service Consumer Lending Online Service	QueryPmntSch QueryNotaryConfirm	Payment Schedules QueryNotaryConfirm
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Service Consumer Lending Online Service Consumer Lending Online Service Consumer Lending Online Service Consumer Lending Online Service	QueryNotaryConfirm DeleteInactiveRoll SaveInactiveRoll	Payment Schedules QueryNotaryConfirm delete of Consumer Lending Account Inactive Rollover Save of Consumer Lending Account Inactive Rollover Reverseof Consumer Lending Account Inactive Rollover
	Consumer Lending Online Service Consumer Lending Online	Consumer Lending Online ServiceAuthInstStatChgConsumer Lending Online ServiceAuthDisbursementConsumer Lending Online ServiceAuthCLAdhocConsumer Lending Online ServiceAuthCLAdhocConsumer Lending Online ServiceSimPaymentConsumer Lending Online ServiceSimPaymentConsumer Lending Online ServiceSaveStatusChangeConsumer Lending Online ServiceSaveRolloverConsumer Lending Online ServiceSaveReversalConsumer Lending Online ServiceSaveReversalConsumer Lending Online ServiceSaveReexersalConsumer Lending Online ServiceSaveReassignConsumer Lending Online ServiceSaveReassignConsumer Lending Online ServiceSaveInstStatChgConsumer Lending Online ServiceSaveAccountActivateConsumer Lending Online ServiceSaveAccountActivateConsumer Lending Online ServiceSaveAccountActivateConsumer Lending Online ServiceSaveAccountActivateConsumer Lending Online ServiceSaveAccSimConsumer Lending Online ServiceReverseRolloverConsumer Lending Online ServiceReverseRolloverConsumer Lending Online ServiceReverseRolloverConsumer Lending Online ServiceReverseRolloverConsumer Lending Online ServiceQueryVamiConsumer Lending Online ServiceQueryVamiConsumer Lending Online ServiceQueryVamiConsumer Lending Online ServiceQueryVami<

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