Product Release Notes
Oracle Banking Credit Facilities Process Management
Release 14.5.0.0.0
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Product Release Notes
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Product Release Notes

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1. Release Notes

1.1 Background

Oracle Banking Credit Facilities Process Management (OBCFPM) 14.1.0.0.0 was released in July 2018 to enable banks in offering collateral and credit facilities process management services to their corporate customers. In OBCFPM 14.5.0.0.0 release, the product is further enhanced with additional functionality.

1.2 Purpose

The purpose of this Release Notes is to provide an insight about the new features in OBCFPM 14.5.0.0.0.

1.3 Abbreviations

Abbreviation	Description
OBCFPM	Oracle Banking Credit Facilities Process Management
UI	User Interface
EDA	Economic dependency analysis
MIS	Management Information System
UDF	User Defined Fields
LOV	List of values

1.4 Release Highlights

The following enhancements are part of OBCFPM in 14.5.0.0.0 release.

1.4.1 Facility Management

- Provision to capture Terms and Conditions at customer level
- Provision to capture Covenants at customer level
- Auto-population of facility expiry date with liability expiry date or parent facility expiry date
  - During facility creation, requested liability expiry date, proposed liability expiry date, and approved liability expiry date captured at liability level gets defaulted as facility expiry date in the same order
  - Option to modify the defaulted facility expiry date is provided. Facility expiry date should not be greater than the liability expiry date
- Pie chart-based Facility Summary in Customer Summary screen

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- o Parent facilities are grouped in the first level of pie chart. It can be drilled down to view the child facilities
- o Child facilities are grouped in the second level of pie chart. It can be further drilled down to view the facility amount and utilized amount
- o Upon clicking each of the sub-limit, the system displays a bar chart next to the pie chart to list the amounts (facility amount and utilized amount) in facility currency
- o All the amounts shown in pie chart are in liability currency
- Insight of existing liability details in liability details screen during amendment process. In the liability details screen, the following details are displayed in read-only mode:
  - o Existing Amount
  - o Outstanding Amount
  - o Expiry Date
- Secure flag at facility level
  - o A new flag – Secured is introduced in the facility capture screen to indicate whether the facility is secured
- Template-based limit creation
  - o Support to maintain templates for facility creation is provided
  - o A new maintenance screen is developed to define the facility template
  - o The templates maintained in the maintenance screen can be used to default facilities in the application
- Facility level write up
  - o Write up feature is provided at the facility level to capture additional information about the facility
- Provision to capture collateral details in facility processes
  - o Collaterals can be directly added in all the facility processes
- Support to capture credit rating at facility level
- Support to capture exposure at facility level
  - o Facility details screen is modified to allow capturing exposure details for the facility
- OSUC at Facility level
  - o Option to signify whether the facility is committed or non-committed is provided in the facility details screen
  - o OSUC (Outstanding + Unutilized Commitment Amount) will be calculated and displayed for both revolving and non-revolving lines in the facility details screen

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- o Modification of Committed / non-committed flag is not allowed at facility level
- Transfer Limits Hand off
  - o Facility transfer request captured as a part of amendment process will be handed off to ELCM
- Addition of FX rate revaluation
  - o Provision to capture FX rate revaluation parameters at facility level
- Option to configure Policy Management as required and not required
  - o Credit Proposal application can be processed without policy definition
  - o Policy definition and tracking can be enforced by switching on the implementation wide parameter set for that purpose
- Insight of Net, Peak, and Average Utilization at facility level
  - o Net utilization, peak utilization, and average utilization will be displayed in the facility details screen in facility currency
- Support to change parent liability
  - o As part of parent liability change, the following operations can be performed:
    - An existing Liability that does not have a parent liability can be linked to a new liability (new party) as a part of GC Initiation process
    - An existing Liability that does not have a parent liability can be linked to an existing liability (existing party) as a part of GC Amendment process / Initiation process
    - An existing Liability that already has a parent liability can be linked to another existing liability as parent liability as a part of GC Amendment process
    - An existing Liability can be delinked from its parent liability as a part of GC Amendment process
- Direct linkage of collateral with facility
  - o Collaterals can be directly linked to the facility rather than linking through collateral pool
- Facility Pricing changes
  - o Number of facilities impacted due to pricing change is displayed in the summary screen
  - o LOV is provided for the following field under commission
    - Commission Type
  - o LOV is provided for the following fields under Interest
    - Component Name
    - Rate Code - applicable only if Rate Type is 'Floating'

- - LOV is provided for the following field under Charge
    - Charge Code
- Support to copy limit functionality for facility
  - New facility can be created with ease by copying the existing facility
- Mapping of single Terms and Conditions (T&C) to multiple facilities
  - A new T&C maintenance screen is designed to capture various T&C Code and Description along with Condition Type
  - The existing T&C details screen is enhanced to pick-up T&Cs from the maintenance rather than manually providing the details. Upon selecting the terms and conditions, T&C Description and Condition Type gets defaulted from the maintenance. Additionally, the existing T&C details screen is further enhanced to list all the facilities that are available for the party
  - The user can select more than one facility from the list and create single T&C record for all the selected facilities
  - The user can update the T&C Description for all the facilities linked to same T&C at the same time. Provision to pick-up the T&C Code is provided, and all the facilities that has the selected T&C Code will be listed based on the selection. User will also be allowed to edit individual T&C record for the facility
- Ability to change parent facility as part of CP Restructuring process
  - A facility with parent facility can be modified to remove the parent facility and change the facility to report to liability directly
  - A facility without parent facility can be updated to report to a facility which does not fall under its own hierarchy of facilities
  - A facility with parent facility can be updated to report to a facility which does not fall under its own hierarchy of facilities
- Ability to link joint party facility to parent party facility
  - Provision to create a facility for a joint facility having parent customer's facility as parent facility
- CP Extension service API
- Facility utilization history will be displayed in CP Review and Amendment processes for 3/6/12 months
- CP Extension process is enhanced to include Liability Extension
- Ability to link an existing customer on-boarded via party in Group Concentration Initiation process

- WIP applications for a party will be displayed in initiation screen of CP Amendment, CP Review, GC Amendment, GC Review, Facility Closure and Simplified Credit Amendment processes
- Option to sort facility by facility description is provided in Table view
- Tenor restriction
  - The user can limit the usage of facility by the customer for a certain period of time. During that period only a partial amount as mentioned by the user can be utilized
- Option to update the facility expiry date for all the facilities in bulk
- The child facilities will get automatically updated with the parent facilities expiry and next review date
- In Credit Proposal process, the mandatory validation set for approval amount will not happen when the Approver sends the task back to the Reviewer
- Option to specify the Release Amount in Credit Proposal Amendment and Facility Review processes
- Business override will be generated when the approved amount is greater than the requested / proposed amount
- Collateral Pool screen changes
  - Collateral Pool and Facility-Collateral Pool Linkage screens are enhanced

1.4.1.1 Group Concentration Initiation process

A new workflow - Group Concentration Limit Initiation process is developed for setting the group concentration limit for a group of parties before capturing the limit details for the parties.

- Following stages are included in the Group concentration limit workflow:
  - GC Initiation – to capture group concentration details
  - GC Enrichment – to review and enrich the group concentration details
  - KYC Check – to perform KYC check. This stage is applicable only if KYC Check required is selected during submitting the initiation task
  - GC Review & Recommendation
  - GC Approval
  - GC Documentation – to review the request and the related documents to complete the flow. This stage is performed by documentation team in the bank
  - Hand off of customer and/or liability – This is an automatic task handled by the system
  - Manual Retry – to retry hand off in case of failure

1.4.1.2 Group Concentration Amendment process

A new workflow - Group Concentration Amendment process is developed to update the group concentration limit for a group of parties.

- Following stages are included in the Group Concentration Amendment workflow:
  - GC Initiation – to capture group concentration details
  - GC Enrichment – to review and enrich group concentration details
  - KYC Check – to perform KYC check. This stage is applicable only if KYC check required is selected during submitting the initiation stage.
  - GC Review & Recommendation
  - GC Approval
  - GC Documentation – to review the request and the related documents to complete the flow. This stage is performed by documentation team in the bank
  - Hand off of customer and/or liability – This is an automatic task handled by the system
  - Manual Retry – to retry hand off in case of failure

1.4.1.3   Group Concentration Extension Process

A new workflow - Group Concentration Limit Extension process is developed to update the expiry date of various liabilities under a group concentration limit for a group of parties.

- Following stages are included in the Group concentration limit extension workflow:
  - GC Initiation – to capture group concentration details
  - GC Enrichment – to review and enrich group concentration details
  - GC Review & Recommendation
  - GC Approval
  - GC Documentation – to review the request and the related documents to complete the flow. This stage is performed by documentation team in the bank
  - Hand off of customer and/or liability – This is an automatic task handled by the system
  - Manual Retry – to retry hand off in case of failure

1.4.1.4   Facility Review process

A new workflow - Facility Review process is developed to review the facilities for a set of liabilities.

- Following stages are included in the Facility Review workflow:
  - Review Initiation
  - Review Enrichment
  - Legal Evaluation
  - Risk Evaluation
  - Credit Evaluation
  - Proposal Structuring
  - Proposal Review and Recommendation
  - Proposal Approval
  - Draft Generation
  - Customer Acceptance
  - Hand off of liability & facility – This is an automatic task handled by the system
  - Manual Retry – to retry hand off in case of failure

1.4.1.5 T&C Compliance Tracking process

A new workflow - T&C Compliance Tracking process is developed to track compliance status of pending terms and conditions. The RM can update the compliance status of all the terms and conditions for which compliance status is pending in this process.

- Following stages are included in the T&C compliance tracking workflow:
  - Compliance Initiation
  - Compliance Approval

1.4.1.6 Simplified Credit Amendment process

Simplified credit amendment process will be the starting point to initiate a simplified credit amendment for a customer.

- Following operations can be performed in the simplified credit amendment process:
  - For an existing facility, modification is allowed only for the amount change (day light od limit)
  - Tenor change (requested / proposed / approved expiry date) - extended expiry date must fall within the liability expiry date
  - Modification of existing pricing details is allowed, and addition / deletion of pricing is not allowed
  - Addition of facility / collateral / covenant / terms and conditions are not allowed

1.4.1.7 Facility Closure process – support for liability level closure

- Existing Facility Closure process is enhanced to support liability level closure
- During task creation, the user can decide whether to close the facility or liability. Upon selecting liability closure, list of liabilities are displayed. The user can select the liability to close from the list
- Closing the parent liability will close all the associated child liabilities and the user cannot override it

1.4.1.8 Corporate Credit Proposal Extension process

- A new workflow - Credit Extension process is developed to update the expiry date of all the facilities under a party for a group of parties

1.4.1.9 FI Initiation process

- A new workflow – FI Initiation process is developed to create FI (bank) type customer and to capture credit details for the bank type customer

1.4.1.10 FI Amendment process

- A new workflow – FI Amendment process is developed to modify FI (bank) type customer details and to allow modification of credit details for the bank type customer

1.4.1.11 FI Extension process

- A new workflow – FI Extension process is developed to allow extension of limit for bank type customer

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1.4.1.12   Exit CP workflow enhancement

- The liability will be marked as unadvised during Exit CP task to restrict limit utilization of facilities under the liability

1.4.2   Credit 360 Degree

- Provision to launch Customer Summary screen from left navigation menu
- The following latest details are displayed in the Credit 360 screen for the party
    - Party & Liability details
    - Facility list with joint facilities option
    - T&C List
    - Covenant List
    - Policy Exception List and Related Exception Tasks with status
    - Collateral List

1.4.3   Party level changes

- Questionnaire-based KYC Verification
    - Ability to perform questionnaire-based KYC verification in KYC Evaluation stage
- Provision to capture rating date while capturing credit rating for party
- Provision to capture Write up for the party

1.4.4   Covenant Stats in Customer Summary screen

- Covenant section in customer summary will display the number of covenants in total across customer and facility level
- It will also display a split up of covenants by its type (financial and non-financial) and status (number of covenants met and not met)
- This section will also display the count of newly added covenants from within an active application
- In credit 360-degree screen, the details about added covenants are not applicable

1.4.5   Standalone Project Setup

A new process flow is developed to set up a project. This process flow has the following stages:

- Enrichment
- Approval

As part of the Project Setup, the following options are available:

- Option to capture the project details
- Option to capture the various stakeholders of the project
- Option to capture the various milestones of the project

1.4.6   Project Aggregation

- Project linkage to the facility
    - Option to select and link the project to the facility is provided in the facility details screen. If the customer of the facility is one of the stakeholder of the project, then the project can be linked to the facility. This can be done only for the existing customer of the bank

- Project Aggregation
  - In the standalone project screen, a widget will be available to show the existing and outstanding limit against the project
  - On clicking the "View All" option, the user will be able to see facilities availed by the different stakeholders for this project and the sub projects
  - In the existing customer summary, details of the overall funding availed by the customer against various projects are displayed

1.4.7 Appetite Management Process

A new process flow is developed to set the appetite of a corporate prospect based on the following analysis performed by the banks:

- Financial performance analysis
- Risk analysis
- Market share
- Trading operations
- Income potential details
- Management experience
- Rating analysis
- Industry performance details
- SWOT analysis
- Credit scoring

1.4.8 Post Sanction Process

A new process flow is developed to handle post sanction (PSN) process of a credit application. The following options are available in the post sanction workflow:

- Option to initiate PSN for a customer or the customer sub-entities
- Option to activate PSN process for a facility
- Option to partially release a facility based on the document provided by the customer
- Option to update Release Amount for all the facilities of the customer and the customer's sub-entities or the joint customers using "Release All" option

The stages included in the post sanction workflow are as follows:

- PSN Initiation
- Docket Generation
- Document Execution
- Document Review
- Unit Head Review
- Proposal Structuring
- Proposal Review and Recommendation
- Proposal Approval
- Legal Check
- Final Check
- Limit Activation
- Hand off of facility – this is an automatic task handled by the system
- Manual Retry – to retry hand off in case of failure

1.4.9 FI Onboarding

- New workflow is introduced to onboard a Financial Institution
- New workflow is introduced to amend an existing Financial Institution details

1.4.10 Country Limit Setting

- A new process is introduced to setup country level limit. Along with the country level limit, department level sub-limits can also be configured. Country Rating can also be captured as part of Country Limit Setting process
- A new process is introduced to amend the country level limit. As part of this process, the limit set at the country level can be modified along with the department limit and country rating
- The Country Limit Summary is provided to display details about the limit set along with the rating details

1.4.11 Industry Credit Review

- A new process is introduced to initiate an industry credit review. Option to default the FI details along with the existing facility information will be available. The party information can be modified along with the facility information. New facilities can also be created through this process
- A new Process is introduced to amend an industry credit review. Option to default the FI details along with the existing facility information will be available. The party information can be modified along with the facility information. New facilities can also be created through this process
- A new Process is introduced to extend the expiry of the industry credit review. Option to extend the expiry date of the ICR will be available

1.4.12 Industry Limit Setting

- Existing Policy Initiation Process is enhanced to support defining limit for the Sector, Industry Group, Industry and Sub-Industry combination. Appetite Setting screen is enhanced to show the Available Amount and Utilized Amount
- New Policy Amendment process is introduced to modify the Industry Limit set for the Sector, Industry Group, Industry and Sub-Industry combination

1.4.13 Collateral Management

- New collateral type – Miscellaneous is introduced
- New fields "Collateral Type Currency" and "Amount in Collateral Currency" are included in all the applicable Collateral Types screen
- Option to display the Linked Facilities inside the Collateral screen
  - New train hop is introduced in the Collateral screen to display the Linked Facilities details. The information displayed in this hop cannot be modified
- New action "Release" is introduced for releasing the existing collaterals
- Provision to link the following features at the child collateral level in Evaluation and Perfection processes
  - Insurance
  - Covenants
  - Documents
  - Field investigation
  - Risk evaluation
  - Legal opinion

1.4.14 Policy Management

- Policy Amendment process
  - Policy amendment process is enhanced to amend the Sector Evaluation and Policy Definition steps

1.4.15 Covenant Management

- Covenant compliance status derivation
  - The compliance status of financial Covenants will be auto derived by the system based on the uploaded Balance sheet, Profit and Loss (P&L) Statement and Cashflow statement of customer. This will be done as part of Covenant Tracking process and on approval of the covenant tracking task, the compliance status will be handed off to the back office system (OBELCM)
  - Option to manually capture the compliance status after verifying the system derived compliance status is provided in the covenant tracking task

1.4.16 Maintenance / E-Mail Notification

- New Maintenance "Email Configuration" is introduced to define the Outgoing and Incoming E-Mail server configurations
- New Maintenance "Event Definition" is introduced to define Business Event, and option to map the API's to fetch information related to that event is provided
- New Maintenance "Template Definition" is introduced to defined E-Mail Templates, and an option to define the placeholders for dynamic value population is provided. Template can be linked to a defined Business Event.
- Option to Approve/Reject a Workflow task based on the Incoming Mail is provided
- Mask Maintenance
  - Option to maintain Masks for generating Collateral ID and Facility ID

1.4.17 Common Changes

- Dashboard Tiles - Customer, Facility due for review, Collateral due for review
  - A new set of tiles are introduced to display details of customer, facility due for review and collateral due for review
- Checklist integration based on checklist maintained at Business process definition
  - The existing checklist screen is modified to display the checklist maintained for the process-stage at the business process definition screen
- Draft generation based on advices maintained at Business process definition
  - The existing draft generation screen is modified to display the advices maintained for process-stage at the business process definition screen and generate advices
- Draft re-generation based on advices maintained at the business process definition
- Stage-wise document upload integration to all processes based on documents maintained at the Business process definition
- Audit changes
  - Using Audit option available in all screens, the user can view the changes / newly added entries made with regard to liability, T&C, facility, Party-credit, credit-writeup, and obcfpm-application-services
- Common list view enhancements

1.4.18 Multi entity support

The deployment model for the product now supports multiple entities of the bank. This feature will enable a single instance of the product (and the underlying Oracle Banking Microservices Architecture platform) to onboard multiple entities of the bank onto the platform. In addition, following features will be available:

- Creation of "Multi-Entity Admin" user(s)
- Entity Definition and Maintenance
- Creation of "Entity Admin" user(s) & regular users
- Mapping of users (entity admins or regular users) to one or more entities - Users of the application will be central in nature and the users can have access to one or more entities
- User Entitlement will be local to the entity
- Data segregation at entity level - at the database end, there will be segregation of data between the different entities. The different entities data will be housed in different schemas in the database. Depending on the database deployment architecture employed, these schemas for the different entities can be in the same or different PDBs of the database
- Deployment of Flyway scripts (database scripts) for an application across all entities during deployment of patches and upgrades.
- Deployments with single entity will also be deployed in the same architecture with a "default entity"
- Upgrade of existing (pre 14.5) deployments to a single entity deployment with the "default entity"

1.4.19 Technical Upgrades

- OJET 9.1.0 migration of UI components

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2. Components of the Software

2.1 Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Notes
- User and Installation manuals

2.2 Software Components

Software Components of Oracle Banking Credit Facilities Process Management 14.5.0.0.0 that form part of this release are as follows:

Host

- Service Components
- UI Components (OJET)
- Tables, Sequences, Static Data
- Advices / Reporting Components (Data models (xdmz),
- Reports (xdoz), Templates (rtf)
- Configuration files used for deployment
- Conductor based process flows

3. Annexure - A: Environment Details

Component	Machine	Operating System	Software	Version Number
Oracle Banking Credit Facilities Process Management	Application Server	Oracle Linux Server release 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 8 Update 281
			Oracle Fusion Middleware Infrastructure	12.2.1.4.0
	Database Server	Oracle Linux Server release 7.3(x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.10.0.0.0
	Reporting Server	Oracle Enterprise Linux 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			Analytics Server	5.9.0
			Repository Creation Utility	12.2.1.4.0
			Oracle Database (for RCU)	19.10.0.0.0
			JDK	JDK 8 Update 281
	Document Management System	Oracle Enterprise Linux Server 7.3 (x86 64 Bit)	Oracle WebLogic	12.2.1.4.0
			Oracle WebCenter Content Imaging	12.2.1.4.0
			Repository Creation Utility	12.2.1.4.0
			Oracle Database (for RCU)	19.10.0.0.0
			JDK	JDK 8 Update 281
	Client Machines[1]	-	Microsoft Edge	Microsoft Edge (89+)
			Mozilla Firefox	Mozilla Firefox Release (87+)
			Google Chrome	Google Chrome Release (88+)

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			Apple Safari	Apple Safari (14+)

Note:

1. Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on **Client Machines** with Windows 10.

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4. Annexure - B: Third-Party Software Details

For details on the third party softwares used, refer Oracle Banking Credit Facilities Process Management 14.5.0.0.0 Licensing Guide available in the OHC Documentation Library.

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