Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA)

Release Notes

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Document Control

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| 03 | June 03, 2021 | Added: Deploy Configuration Package section |
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Table of Contents

| 1 Pr | reface | 5 |
|------|---|----|
| 1.1 | Overview of OFSAA | 5 |
| 1.2 | Purpose of this Document | 5 |
| 1.3 | Intended Audience | 5 |
| 1.4 | Access to Oracle Support | 6 |
| 1.5 | Related Documents | 6 |
| 1.6 | Conventions and Acronyms | 6 |
| | ntroduction to Oracle Financial Services Regulatory Repoority | |
| 2.1 | What's New in this Release | 8 |
| 2.2 | Pre-installation Requirements | 9 |
| 2.3 | Installing this One-off Patch Release | 13 |
| 2.4 | Post-installation Steps | 14 |
| 2.5 | Deploying Template Package | 15 |
| 2.6 | Deploying Config Package | 16 |
| 2.7 | Bugs Fixed in this Release | 16 |
| 2.8 | Download Assumptions | 16 |
| 2.9 | Known Issues or Limitations | 18 |
| 3 Ha | ardware or Software Technology Stack Details | 22 |
| / Li | icensing Information | 22 |

1 Preface

This preface provides supporting information for the Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA) Release Notes.

Topics:

- Overview of OFSAA
- Purpose of This Document
- Intended Audience
- Access to Oracle Support
- Related Documents
- Conventions and Acronyms

1.1 Overview of OFSAA

In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk-adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data model, and applications architecture to enable integrated risk management, performance management, customer insight, and compliance management. OFSAA actively incorporates risk into decision making, enables achieving a consistent view of performance, promotes a transparent risk management culture, and provides pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both banking and insurance domains.

1.2 Purpose of this Document

This document contains release information for Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA).

1.3 Intended Audience

This document is intended for users of Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA).

1.4 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info
Or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

1.5 Related Documents

This section identifies additional documents related to OFS AGILE RP EBA Application v8.1.1.0.1. You can access Oracle documentation online from the Documentation Library (OHC).

OFS Analytical Applications Technology Matrix

1.6 Conventions and Acronyms

The following conventions and acronyms are used in this document.

Table 1: Conventions and Descriptions

| Conventions | Description |
|--|--|
| References to sections or chapters in the manual are indicated in <i>Italics</i> . | |
| Screen names are indicated in the following manner: Introduction screen | |
| Options and buttons are indicated in Bold . | |
| Code related text is indicated in Monospace. | |
| OFSAAI | Oracle Financial Services Analytical Applications Infrastructure |
| OFS AAAI | Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack |
| RHEL | Red Hat Enterprise Linux |
| Atomic Schema | Database schema where the application data model is uploaded |
| Config Schema | Database schema which contains setup related configurations and metadata |
| OFS AGILE RP EBA | Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA) |

2 Introduction to Oracle Financial Services Regulatory Reporting for European Banking Authority

With the onset of regulatory requirements from a variety of regulators around the globe, financial institutions are struggling to keep up with the constantly changing regulatory environment and the regulators themselves are finding it difficult to analyze a pile of reports. To facilitate easy comparison of the data, the European Banking Authority (EBA) introduced a common standard of reporting for the following: Financial Reporting (FINREP) and Common Reporting (COREP). The standards use a very structured way of gathering data and introduce the Data Point Model (DPM) along with the relational database, to provide standard meaning to all reporting elements. Though EBA did an excellent job in standardizing all the dimensions, metrics, and data elements, the disparate source systems at the banks make it very difficult for the banks to collate the required and correct data. The ability to present the data in the "DPM" structure that is very specific to the DNB reporting raises an additional challenge.

On the lines of common reporting requirements as stipulated by the EBA, the European Central Bank (ECB) also came out to collect detailed credit risk data about Non-Natural Persons in a harmonized manner.

ECB issued a regulation on May 18, 2016, widely known as AnaCredit (Analytical Credit Dataset)
Regulation, to collect granular credit and credit risk data with effect from reporting date September 30, 2018.

While on one hand, ECB ensures harmonizing reporting requirements and implementation practices, on the other hand, it gives discretionary powers to the National Central Banks (NCBs) either to collect additional data or to provide derogations for small resident reporting agents.

A financial institution provides all the data, as required by the respective NCB and by ECB to the respective NCB, and the respective NCB then provides the data to the ECB.

The RRS EBA solution addresses the reporting requirements of both the regulators, EBA and ECB.

Additionally, it addresses the reporting requirements concerning AnaCredit as laid down by the Central Bank of Malta (CBM).

Through Oracle Financial Services Regulatory Reporting for European Banking Authority (OFS AGILE RP EBA), Oracle Financial Services has created a first-to-market solution that addresses these important requirements and helps financial services organizations find a much-welcome silver lining in today's prescriptive regulatory climate.

OFSAA Regulatory Reporting features the OFSAA Data Foundation and a reporting portal that integrates OFS Agile Reporter Portal for final-mile automation. The solution ensures data integrity and frees firms to focus more time on analyzing and gaining new business insight from their growing stores of data instead of simply preparing data and reports with the sole objective of meeting submission deadlines.

Additionally, multi-jurisdiction institutions, using these integrated tools, are now able to establish a global regulatory report production platform integrated with a single source of truth and full data lineage no matter where they are situated or how many jurisdictions, they operate in. The OFSAA Data Foundation has all the detailed granular data which are used to aggregate and populate the Lombard report templates. This enables seamless drill-down and lineage from individual template cells to the

source systems where the granular data was sourced from. The rules used to derive the aggregated and calculated data are also clearly visible.

Patch **32617782** - Oracle Financial Services Regulatory Reporting for European Banking Authority v8.1.1.0.0 One-off Patch Release #1 (8.1.1.0.1) for all the regulatory enhancements done since v8.1.1.0.0 release.

Topics:

- What's New in this Release
- Pre-installation Requirements
- Installing this One-off Patch Release
- Post-installation Steps
- Deploying Template Package
- Bugs Fixed in this Release
- Download Assumptions
- Known Issues or Limitations in this Release

2.1 What's New in this Release

The list of features incorporated in this release are as follows:

- **1.** The DPM 3.0 updates for the following reports:
 - C 40.00- Alternative treatment of the Exposure Measure
 - C 43.00- Breakdown of leverage ratio exposure measure components
 - C 44.00- General Information
 - C 47.00-Leverage ratio calculation
- **2.** Introduced the following new reports in this release:
 - C 15.00- Exposures and losses from lending collateralized immovable property
 - C 34.01- Size of the derivative business (CCR 1)

- C 34.02 -CCR exposures by approach (CCR 2)
- C 34.04 -CCR exposures treated with the original exposure method (OEM) (CCR 4)
- C 48.01- Leverage ratio volatility: mean value for the reporting period (LR6.1)
- C 48.02 -Leverage ratio volatility: daily values for the reporting period (LR6.2)

2.2 Pre-installation Requirements

The prerequisite software that must be installed are as follows:

- Install and Configure Oracle Financial Services Data Foundation (OFSDF) Application Pack Release v8.1.1.0.0 plus (**32257272**) other prerequisite OFSDF patches (see *Section 4.1 Pre- installation Checklist* of the OFSDF Application Pack Installation and Configuration Guide) on your machine.
- Oracle Financial Services Regulatory Reporting for European Banking Authority Release v8.1.1.0.0.
- Oracle Financial Services AgileREPORTER Application 8.0.9.6.1 (patch **32724114**).
- The following columns needs to be added on top of FSDF 8.1.1.0.0 data model and sliced model upload should be performed.

| Column Change Type | Physical Table Name | Column Name | Logical Name | Data Type | Domain | Null Allowed? | PK | FK | Reference Table Name | Referenc e Column Name | Column Comments |
|--------------------------|-------------------------------------|---------------------------------|---|------------------|---------------------------|---------------|----|-----|----------------------------------|---|---|
| Add Column | STG_PARTY_MAS TER | F_TRADING_FREQ_I ND | Trading Frequency Indicator | VARCHAR2(1) | Indicator | YES | NO | NO | | | This column stores the trading frequency of the party in the listed exchange. The indicative list of values are A for Annual, S for Semi Annual, and Q for Quarterly. |
| Add Column | DIM_PARTY | F_TRADING_FREQ_I ND | Trading Frequency Indicator | VARCHAR2(1) | Indicator | Yes | No | No | | | This column stores the trading frequency of the party in the listed exchange. The indicative list of values are A for Annual, S for Semi Annual, and Q for Quarterly. |
| Add Column | FCT_IFRS_ACCOU NT_SUMMARY | N_CASH_POOLING_ OFFSET_AMT | Cash Pooling Offset Amount | NUMBER(22,3) | AMOUN T | YES | NO | NO | | | This column refers to the amount netted under the applicable accounting framework on the cash pooling arrangements. |
| Add Column | FCT_PLACED_CO LLATERAL | F_COLL_SEGREGATE D_IND | Segregated Collateral Indicator | CHAR(1) | Flag | YES | NO | NO | | | This column indicates if the counterparty has segregated the collateral received or not. List of values are Y and N. |
| Add Column | FCT_REG_CAP_A CCOUNT_SUMMA RY | N_REG_CAP_ACCT_P URPOSE_SKEY | Surrogate Key For The Regulatory Capital Account Purpose Identifier | NUMBER(10) | Surrogat eKey_Lo ng | YES | NO | YES | DIM_REG_C AP_ACCT_P URPOSE | N_REG_C AP_ACCT _PURPOS E_SKEY | Surrogate Key For The Regulatory Capital Account Purpose Identifier. |

| Add Column | FCT_COMMON_A CCOUNT_SUMMA RY | F_MARGINED_TXN_I ND | Margined Transactio n Indicator | CHAR(1) | Flag | YES | NO | NO | This attribute identifies whether the derivative transaction is Margined or Unmargined. This populates as Y if the transaction has a margin associated with it irrespective of any other collateral. This is used in the SA-CCR approach for OTC derivatives. The list of Values will be Y and N. |
|---------------|------------------------------------|----------------------------------|---|--------------|------------|-----|----|----|---|
| Add Column | FCT_IFRS_ACCOU NT_SUMMARY | F_REGULAR_WAY_A CCOUNTING_IND | Regular Way Accounting Indicator | VARCHAR2(1) | Indicator | YES | NO | NO | This column refers to whether a regular way purchase or sale has been accounted for using trade date or settlement date accounting under the accounting framework. The List of Values are S for Settlement Date and T for Trade Date. |
| Add Column | FCT_IFRS_ACCOU NT_SUMMARY | N_REGULAR_WAY_O FFSET_AMT | Regular Way Offset Amount | NUMBER(22,3) | AMOUN T | YES | NO | NO | This column refers to the amount offset between cash receivables for regular way sales awaiting settlement and cash payables for regular way purchase awaiting settlement allowed under the accounting framework. If the institution follows settlement date accounting, then the part of the nominal |

| | | | | | | | | | | | value of commitments to pay for regular way purchases which is offset by the full nominal value of cash receivables related to regular way sales awaiting settlement. |
|---------------|-------------------------------------|-----------------------------------|--|------------|---------------------------|-----|----|-----|--|--|---|
| Add Column | FCT_MITIGANTS | F_GUARANTEE_REV OKABLE_FLAG | Guarantee Revocable Flag | CHAR(1) | Flag | YES | NO | NO | | | Represents whether the Guarantor can revoke their Guarantee. List of values are Y; N. Y indicates guarantor can revoke. |
| Add Column | FCT_REG_CAP_A CCOUNT_SUMMA RY | N_REG_CAP_GUARA NTEE_SCH_SKEY | Regulatory Capital Guarantee Scheme Surrogate key | NUMBER(10) | Surrogat eKey_Lo ng | YES | NO | YES | DIM_REG_C AP_GUARA NTEE_SCHE ME | N_REG_C AP_GUAR ANTEE_S CH_SKEY | This column stores the guarantee scheme surrogate key. |
| Add Column | FCT_REG_ACCOU NT_SUMMARY | N_REG_SEC_GUARA NTOR_TYPE_SKEY | Regulatory Securities Guarantor Surrogate Key | NUMBER(10) | Surrogat eKey_Lo ng | YES | NO | YES | DIM_REG_P ARTY_TYPE | N_REG_P ARTY_TY PE_SKEY | This column stores unique surrogate key of the guarantor for the securities based on regulatory requirements. List of values are Central Government - CGG, State Government - SGG and Others - OTH. |
| Add Column | FCT_REG_ACCO UNT_SUMMARY | F_PASS_THROUGH _FLAG | Pass Through Flag | CHAR(1) | Flag | YES | NO | NO | | | This column also stores the flag whether the promotional loan granted by the institution is a pass- through loan or not. If it is a pass-through |

| | | | loan, then Y else N should be given. The list of values are Y and N. This is determined through a rule based on the Account to party role map table where the role is defined as PASSTHROUGH. |
|--|--|--|---|
|--|--|--|---|

• Ensure that you have executed the .profile file before you trigger the installation.

2.3 Installing this One-off Patch Release

To install this one-off patch release, follow these steps:

- 1. Download the 32617782_GENERIC.zip archive file from My Oracle Support by searching patch 32617782 under the Patches & Updates tab.
- **2.** Copy the archive file to your OFSAA server in Binary mode.
- **3.** Shut down all the OFSAAI Services. For more information, see the *Stopping Infrastructure Services* section in the OFS Analytical Applications Infrastructure Installation and Configuration Guide Release.
- **4. Execute** chmod -R 750 \$FIC_HOME

5. Execute unzip -a <name of the file to be unzipped>
For example: unzip -a 32617782 GENERIC.zip

NOTE

The "-a" option is mandatory to unzip the patch. If you notice this error message: "unzip: not found [No such file or directory]", contact your UNIX administrator.

- **6.** Execute chmod -R 755 OFS AGILE RP EBA
- **7.** Navigate to the appsLibConfig/conf directory.
- **8.** Configure the UPLOAD_MODEL parameter in the params.conf file to determine if Model Upload is required or not by using the following parameters:
 - $\mathbf{0}$ = If you have already performed Model Upload and want to skip the Model Upload process
 - 1 = If you want to perform Model Upload

NOTE

You must enter the Model Upload parameter value as **0** only.

- 9. Navigate to the <>/OFS AGILE RP EBA/bin directory and execute ./setup.sh
- **10.** The installation progress can be viewed by periodically refreshing the log file under the <>/OFS_AGILE_RP_EBA/logs directory.
- **11.** After installation is completed, verify the log file for errors or warnings. Contact My Oracle Support in case of any issue.

NOTE

This patch installation requires approximately 5 minutes to complete in Oracle Test Labs.

2.4 Post-installation Steps

Perform the following instructions after successful installation of the v8.1.1.0.1 one-off patch:

- **1.** See the log file in the /OFS_AGILE_RP_EBA/logs directory to ensure that there are no errors reported.
 - Contact My Oracle Support in case of any issues.
- **2.** Generate the application EAR or WAR file and redeploy the application on the configured Web Application Server.
 - For more information on generating and deploying the EAR or WAR file, see the *Post Installation Configuration* section in the <u>OFS Advanced Analytical Applications Infrastructure Pack Installation Guide</u>.
- 3. In case of an integrated environment where BASEL or LRS APPs are present and the corresponding FSDF integration processes have been enabled/created, then execute the OFS AGILE RP EBA/bin/scripts/config/insert/Enable Basel LRM Run Paramet

 ${\tt er_EBA.sql}$ script in the CONFIG schema to enable the required run parameters for an integrated REG run.

- **4.** Execute the following seeded data scripts in the atomic schema:
 - DIM INDICATOR VALUES 1.sql
 - Dim_Indicator_values_2.sql
 - DIM_REG_ENTITY_TYPE.sql
 - DIM_REP_LINE.sql
- **5.** If the Basel is already installed and if the Basel Integration process have been created, then execute the following steps:

NOTE

BASEL version 8.1.0.1.3 must be installed in your environment.

- **a.** Open the <u>DM_T2T_FCT_REG_ISSUED_INSTR_POSITIONS.sql</u> script.
- **b.** Open the <u>DM_T2T_FCT_REG_CAP_CP_CTRY_RSK_SUMARY.sql</u> script.
- **c.** Replace the ##INFODOM## with the corresponding application INFODOM.
- **d.** Replace the ##FSDF_CAP_SRC## with the corresponding ETL source name.
- **e.** Connect to the Config schema and execute the script.
- **6.** Add the above two T2T's as a task at the end of Basel integration process.
- 7. Restart all the OFSAA services.

 For more information, see the *Starting Infrastructure Services* section in the <u>OFS Advanced Analytical Applications Infrastructure Pack Installation Guide</u>.

The Oracle Financial Services Regulatory Reporting for the European Banking Authority is now ready for use.

2.5 Deploying Template Package

This section describes the steps to deploy the template package:

- 1. To deploy the product configuration on AgileREPORTER using the package ECR_v2.2.0-b192 sign.lrm bundled inside the Template Package directory of the installer:
 - **a.** Navigate to the <AgileREPORTER>/bin directory under the installed directory.
 - **b.** Add a new configuration with the following command:

```
./config.sh -p -a <Template_Package Full Path>/<.lrm file>
For example:
```

```
./config.sh -p -a <Template_Package Full Path>/
ECR_v2.2.0-b192_sign.lrm
```

DEPLOYING CONFIG PACKAGE

NOTE

The ECR version 2.2.0 template package must be deployed in a fresh AgileREPORTER environment.

2.6 Deploying Config Package

This section describes the steps to deploy the config package after saving the derived entities:

- 1. To deploy the product configuration on Lombard AgileREPORTER using the package OFSAA_REG_REP_EBA_81100.zip bundled inside the Config_Package folder of the installer:
 - **a.** Navigate to the <LombardAgileREPORTER>/bin directory under the installed location.
 - **b.** Add a new configuration with the following command:

```
./config.sh -a <Config Package Full Path>
```

For example:

```
./config.sh -a /scratch/kit/810/OFS_AGILE_RP_EBA/Config_Package/OFSAA_REG_REP_EBA_81100.zip
```

c. Activate the configuration with the following command:

```
./config.sh -t OFSAA_REG_REP_EBA -iv 8.1.1.0.0
```

d. Update the Alias with the following command:

```
./config.sh -ea OFSAA_REG_REP_EBA -iv 8.1.1.0.0 -alias "OFSAA EBA DATA SOURCE" -aif <LombardAgileREPORTER>/bin/aliasinfo.properties
```

2.7 Bugs Fixed in this Release

There are no bugs fixed in this release.

2.8 Download Assumptions

The download assumptions for this release are as follows:

1. Report Parameter Details

Table 2: Report Parameter Details

| Report | V_REG_REPORTING_PARA M | V_REG_REPORTING_PARAM_ VAL | Requirement |
|--------|---------------------------|-------------------------------|---|
| C34.1 | EXP_APP_METHOD_FLG | Either Y or N | Institutions that exceed the thresholds to use a simplified approach for counter-party credit risk but which are still using one of them on the basis of Article 273a(4) CRR indicates (with Yes/No) whether they meet all the conditions of that article. |
| C40 | CB_EXP_EXCL_DATE_FLG | Either Y or N | The daily average total value of the institution's exposures to its central bank, calculated over the full reserve maintenance period of the central bank just preceding the date referred to in point (c) of Article 429a(5) CRR, that are eligible to be excluded in accordance with point (n) of Article 429a(1) CRR. The institutions, which get the approval for such exclusions, indicates as Y for the quarter end reporting date. |
| C48 | LR_REPORTNG_DATE | 01-JAN-1000 | Reporting date has to be given in mentioned format, which is used to calculate a 90-day average for SFT exposures. |
| C34.01 | CCR_REPORTING_DATE | 01-JAN-1000 | Reporting date must be given in the specified format. |

2. Custom Reclassification Details

Table 3: Custom Reclassification Details

| Sl. No. | Rule Name | Rule Type | Source Table | Source Column | Target Table | Target Column |
|---------|---|--------------|--------------------------------|-------------------------------------|------------------------------------|---------------------------------------|
| 1 | Securities Guarantor Reclass – DIM_REG_PA RTY_TYPE.V_ REG_PARTY_ CD | CUST OM | FCT_COMMON_AC COUNT_SUMMARY | N_SECURITIES_G UARANTOR_SKE Y | FCT_REG_ACCOUN T_SUMMARY | N_REG_SEC_GUAR ANTOR_TYPE_SKE Y |
| 2 | Constituted Form Reclass - DIM_REG_CO NSTITUTED_ FORM. V_REG_CONS TITUTED_FO RM_CODE | CUST OM | FCT_LEGAL_ENTIT Y_DETAILS | N_CONSTITUED_ FORM_SKEY | FCT_LEGAL_ENTIT Y_DETAILS | N_REG_CONSTITU TED_FORM_SKEY |
| 3 | Entity Type Reclass – DIM_REG_EN TITY_TYPE.V_ REG_ENTITY_ TYPE_CODE | CUST OM | FCT_LEGAL_ENTIT Y_DETAILS | N_ENTITY_TYPE_ SKEY | FCT_LEGAL_ENTIT Y_DETAILS | N_REG_ENTITY_TY PE_SKEY |
| 4 | Standard Issuer Type Reclass – DIM_STANDA RD_PARTY_T YPE.V_STAN DARD_PARTY _TYPE_CODE | CUST OM | DIM_INSTRUMENT _CONTRACT | V_ISSUER_CODE | FCT_REG_ISSUED_I NSTR_POSITIONS | N_STANDARD_PAR TY_TYPE_SKEY |

2.9 Known Issues or Limitations

The Known Issues or Limitations in EBA are as follows:

1. Update the typo issue in the T2T_STG_LEASES_CONTRACTS_CAS on case condition, that is,

CASE

WHEN STG_LEASES_CONTRACTS.F_JOINT_ACCOUNT_IND = 'N' THEN

U

ELSE

1

must be replaced with

CASE

WHEN STG_LEASES_CONTRACTS.F_JOINT_ACCOUNT_IND = 'Y' THEN

1

ELSE

0

- **2.** T2T_FACR_STG_PARTY_ACCOUNT_ROLE_MAP is populating unwanted records, because of the DIM_ACCOUNT.F_LATEST_RECORD_INDICATOR='Y' filter.
- 3. Row 999 and Column 95 (sector of the investee) in the F40.1 report requires a set of regulatory party types that are predefined by LOMBARD. Currently, only the standard party types are used due to the unavailability of the required codes. This will be fixed in the upcoming release.
- **4.** Non-trading FVTPL requires to be captured with FCT_ASSETS_SOLD.V_HOLDING_TYPE_CD and FCT_ASSETS_SOLD.N_TRADING_IND = '<>T' in F15 report. It is handled with the help of custom seeded data for Non-trading FVTPL. Currently, N_TRADING_BOOK_IND in the STG_ASSETS_SOLD table is unavailable and will be fixed in an upcoming release.
- **5.** V_MICRO_MACRO_IND column in the FCT_REG_HEDGE_SUMMARY table indicates if the given hedge is a micro or macro hedge. As the bank decides if the given hedge is a micro or macro hedge, it is expected that the bank must populate this column directly.
- **6.** F_ECONOMIC_HEDGE_FLAG column in FCT_REG_ACCOUNT_SUMMARY table stores whether the given derivative is under the economic hedge. As the bank decides if the given hedge is an economic hedge or not, it is expected that the bank must populate this column directly.
- **7.** Default values for all flag-related columns used in LCR and NSFR reports are not handled and will be taken up in the upcoming release.
- **8.** Data flow for the following columns are unavailable which will be implemented in the upcoming release and are expected as a direct download from the customer:
 - e. FCT_MITIGANTS. N_ASSET_LEVEL_SKEY
 - f. FCT_PLACED_COLLATERAL.N_REG_RATING
 - g. FCT_PLACED_COLLATERAL.N_STANDARD_PROD_TYPE_SKEY
- **9.** Lombard: The list of Significant Currency available in the Lombard portal is not completed and certain additional currencies must be included based on EBA reporting.
- **10.** OTHERS handling: There are some line items which must report *Other* category, that is, items not reported in previous sections. Negation of all conditions of the previous line items in the report is not functionally correct and hence it has to be taken through GL as separate line items. The impacted cells are C73: R330C010; R330C050; R800C010; R810C010; R820C010; R830C010; R840C010; R890C010; R890C050. The impacted cells in C74: R60C140; R60C150; R60C160; R70C140; R70C150; R70C160; R80C150; R80C150; R80C160; R90C160.
- **11.** C60: R1310C10, R1310C20, R1310C30, R1310C40, R1310C50: General Ledger must be created and therefore not implemented.
- 12. The report expects average, maximum, and weighted average as measures against the line items that are mapped to various dimensions in OFSAA. In the current architecture, the final calculated value per the correct granularity of dimensions and filter values are provided to Lombard. This implies that the final value should be calculated and stored in a Derived Entity

- and displayed as is in the report. Currently, the aggregation type is not specified in OFSAA supplied components including the DID or Physical Bindings. Additional information is required to specify where this is to be mentioned or included in OFSAA deliverables.
- **13.** There is no flow for FCT_REG_AGG_CASH_FLOWS and FCT_SIGNIFICANT_CURENCY tables. These tables are expected as a download.

14. CO2:

- **a.** ROW557: Memo item: Collective Investment Undertakings invested exclusively in equity instruments or mixed instruments. Here, ClUs invested in mixed instruments are not handled as of now and will be handled in an upcoming release.
- **15.** C05: Since Col 50 in C05.1 and Col 30 C05.2 is 100% after Dec 31st, 2018, the user must provide the same input during report generation.
- **16.** FCT_REG_ACCOUNT_SUMMARY.F_GENERAL_PROVISION_FLAG will not be populated by FSDF and the Client must directly populate this column. The client must provide the download in sync with the Regulatory requirements and the periodic updates.

17. C16B:

- **b.** R130C10, R130C20, R130C30 is not implemented as a relevant indicator that cannot be calculated by the application for the AMA approach and must be provided by the client. A separate table to be created and implemented in the upcoming release.
- **c.** R130C110: The measure must be a difference amount between two runs, instead of only for the current run. This requires a change in the upcoming release.
- **18.** For Large Exposure reports C28 and C29, the product codes used are for the DIM_REG_PRODUCT_TYPE table instead of the DIM_BASEL_PRODUCT_TYPE table. This change will be regularized in an upcoming release.
- **19.** CO7 Discrepancies in templates for Derived and Non-Derived cells will be altered in an upcoming release. This includes C215 which should be non-derived, R281 to R283 for which C40, C90, C110, C150, and C200 should be derived.
- **20.** C09 Discrepancies in templates for Derived and Non-Derived cells will be altered in an upcoming release. This includes C090 and R140.
- 21. C09.4 The user must select the R150 (Threshold for General Credit Exposure) and the R160 (Threshold for Trading Book Exposure) as Yes or No from the drop-down list. This is considered as the client download and is implemented in an upcoming release.
- 22. CO1 to CO5 Discrepancies in templates for Derived and Non-Derived cells will be altered in an upcoming release. This includes CO1 R511, R512, R550, R570, R770, R790 and R880, CO3 R220, CO4 R740, and CO5 R111, R112, R380 and R385.
- 23. The page does not reload if the columns are removed from the column selector in the drill down page.
- **24.** C34.2 Implementation for cells pertaining to IMM method will be taken up in subsequent release.
- **25.** C47 LRCAR264C010 & LRCAR267C010: Intermediate credit institution filter is required and currently not implemented. This will be fixed in subsequent release.

- **26.** C40 & C47 The pass-through indicator has to be manually given for Pass through promotional loans by the client in FCT_REG_ACCOUNT_SUMMARY.F_PASS_THROUGH_FLG. This will be regularized in subsequent release.
- 27. C07 R281 TO R283 will be implemented in subsequent release.
- **28.** C04 CAMIR260, CAMIR290, CAMIR293, CAMIR330, CAMIR360, CAMIR363, CAMIR400, CAMIR430, CAMIR433, CAMIR470, CAMIR500, CAMIR503, CAMIR540, CAMIR570, CAMIR573, CAMIR610, CAMIR640, CAMIR643. The measure reported should be net of EAD Pre CRM, which will be corrected, in subsequent release.
- **29.** The cells that require negative measures to be reported for C07 and C09 will be implemented in the future release.
- **30.** The ECR limitation is that it is recommended to use the ECR version 2.0.0 for CAR Report retrieval.

3 Hardware or Software Technology Stack Details

The hardware or software combinations required for OFS AGILE RP EBA v8.1.1.0.0 are available at OFS Analytical Applications Technology Matrix.

4 Licensing Information

For details of the third-party software tools used, click this link: <u>OFSAA Licensing Information User Manual Release 8.1.1.0.0</u> and select 8.1.1.0.0 from the drop-down list.

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