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| Test Script  SAP S/4HANA - 21-08-20 | public |
| Debt and Investment Management - Group Ledger IFRS (1X7\_DE) |

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# Purpose

By activating parallel valuation for Debt and Investment Management - Group Ledger IFRS you can use an additional valuation area besides your operational valuation area according to International Financial Reporting Standards (IFRS9) phase I (Classification and Measurement).

This document provides a detailed procedure for testing this scope item after solution activation, reflecting the predefined scope of the solution. Each process step, report, or item is covered in its own section, providing the system interactions (test steps) in a table view. Steps that are not in scope of the process but are needed for testing are marked accordingly. Project-specific steps must be added.

# Prerequisites

This section summarizes all the prerequisites for conducting the test in terms of systems, users, master data, organizational data, other test data and business conditions.

## System Access

The test is conducted in the following systems:

|  |  |
| --- | --- |
| System | Details |
| SAP S/4HANA system | Accessible via Fiori Launchpad. Your system administrator provides you with the URL to access the various apps assigned to your role. |

## Roles

Assign the following business roles to your individual test users. Alternatively, if available, you can create business roles using the following spaces with pages and predefined apps for the SAP Fiori launchpad and assign the business roles to your individual test users.

Note These roles or spaces are examples provided by SAP. You can use them as templates to create your own roles or spaces.

For more information about business roles, refer to Assigning business roles to a user in the [Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices](https://help.sap.com/viewer/S4HANA2020_AdminGuide) .

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name (Role) | Description | ID (Role) | Description (Space) | ID (Space) | Log On |
| Treasury Accountant |  | SAP\_BR\_TREASURY\_ACCOUNTANT | Treasury Accounting | SAP\_BR\_TREASURY\_ACCOUNTANT |  |

## Master Data, Organizational Data, and Other Data

The organizational structure and master data of your company have been created in your system during activation. The organizational structure reflects the structure of your company. The master data represent materials, customers, and vendors, for example, depending on the operational focus of your company.

Use your own master data to go through the test procedure. If you have installed an SAP Best Practices baseline package, you can use the following baseline package sample data:

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Company Code | 1010 |  |  |
| Valuation Area | 002 |  |  |

For more information on creating master data objects, see the following [Master Data Scripts (MDS)](https://support.sap.com/content/dam/SAAP/Sol_Pack/BP_OP_ENTPR/BP_OP_ENTPR_S4HANA2020_7_Master_Data_EN_XX.htm)

Table 1: Master Data Script Reference

|  |  |
| --- | --- |
| MDS | Description |
| 22G | Create Business Partner for Treasury and Risk Management |

## Business Conditions

Before this scope item can be tested, the following business conditions must be met.

|  |  |
| --- | --- |
| Scope Item | Business Condition |
| 1WV - Debt and Investment Management | Must be run before this test script.  Make sure you created the deal of debt/investment instrument with status Contract Settlement. |

# Overview Table

This scope item consists of several process steps provided in the table below.

If your system administrator has enabled spaces and pages on the SAP Fiori launchpad, the homepage will only contain the essential apps for performing the typical tasks of a business role.

You can find all other apps not included on the homepage using the search bar.

If you want to personalize the homepage and include the hidden apps, navigate to your user profile and choose Settings > App Finder .

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction/APP | Expected Results |
| [Post Flows to General Ledger (Parallel Valuation Area)](#unique_8) [page ] 6 | Treasury Accountant | Process Business Transactions (TPM10) | Flows are posted in valuation area 002 for ledger of IFRS. |
| [Run Accrual (Parallel Valuation)](#unique_9) [page ] 8 | Treasury Accountant | Run Accrual/Deferral (TPM44) | Interest income/expenses are accrued in valuation area 002 for ledger of IFRS. |
| [Perform Key Date Valuation (Parallel Valuation)](#unique_10) [page ] 10 | Treasury Accountant | Run Valuation (TPM1) | Valuation is executed in valuation area 002 for ledger of IFRS. |
| [Reclassify from Long Term to Short Term (Parallel Valuation Area)](#unique_11) [page ] 12 | Treasury Accountant | Execute Valuation Class Transfer (TPM15M) | Valuation class transfer is executed in all valuation areas, include parallel valuation area 002. |
| [Post Realized Profit and Loss (Parallel Valuation)](#unique_12) [page ] 13 | Treasury Accountant | Post Derived Business Transactions (TPM18) | Realized profit and loss are posted in valuation area 002 for ledger of IFRS. |

# Test Procedures

## Post Flows to General Ledger (Parallel Valuation Area)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this activity, you post the flows in parallel valuation area 002 for IFRS. They are reflected in the corresponding ledger in Financial Accounting (FI). The flows include incoming or outgoing payment of increasing or decreasing nominal , interest, repayment of debt, or investment instruments.

Prerequisites

The flows of deals are posted in operative valuation DE0 for local GAAP, described in the Debt and Investment Management (1WV) test scrip. You executed the following activities in 1WV with apps:

* Post Flows (TBB1): You generated a payment request for outgoing payment with option Pay Only, and generated the posting for incoming payment (without payment request) in valuation area DE0 with option Post Operational Only.
* Process Business Transactions (TPM10): You generated the posting for outgoing payment (with payment request) in valuation area DE0.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log onto the SAP Fiori launchpad as a Treasury Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access another SAP Fiori app | Open Process Business Transactions (TPM10). | The Fix, Post or Reverse Transactions screen displays. |  |
| 3 | Enter Selection Criteria for Test Run | Enter the following data and choose Execute:  OTC Transactions: Selected  Company code: for example, 1010  Valuation Area: for example, 002  Limit by Transaction Number: <Select>  Limiting by Subledger Positions: <Deselect>  Transaction: <transaction number(s) was created in test script 1WV, and flows have been posted in valuation area DE0>  Test Run: Selected | The Test Run: Post/Reverse Business Transactions screen displays.  If the system displays the message You have not selected any business transactions, no posting is needed for your selection criteria. Skip this step. |  |
| 4 | Check Test Run Result | Choose Select All, choose Choose Those to Post, and choose Execute. | The Test Run: Display Posted/Reversed Business Transactions screen displays. |  |
| 5 | Log and Messages | Choose Log and Messages. | The Posting Log: Posted Business Transactions screen displays. Check the simulated posting information for IFRS (valuation area 002) on this screen. No posting is created because it is a test run. |  |
| 6 | Enter Selection Criteria for Production Run | Choose Back.  On the Fix, Post or Reverse Transactions screen, change the following data and choose Execute:  Test Run: Deselected | The Update Run: Post/Reverse Business Transactions screen displays. |  |
| 7 | Production Run | Choose Select All, choose Choose Those to Post, and choose Execute. | The Update Run: Display Posted/Reversed Business Transactions screen displays. |  |
| 8 | Log and Messages | Choose Log and Messages. | The Posting Log: Posted Business Transactions screen displays. An accounting document is created for IFRS (valuation area 002). |  |

## Period-end Closing (Parallel Valuation)

Purpose

This section describes activities for period-end closing (usually executed at month end) in parallel valuation area for IFRS, including:

* Accrue interest income/expenses
* Perform key date valuation

### Run Accrual (Parallel Valuation)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

You use this function to accrue interest expenses and interest income in valuation area 002 for IFRS, and reflect results correctly in the corresponding ledger in Financial Accounting (FI).

Prerequisites

Accruals are executed in valuation area DE0 for local GAAP, described in the Run Accrual step in the Debt and Investment Management (1WV) test script.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Log onto the SAP Fiori launchpad as a Treasury Accountant. | The SAP Fiori launchpad displays. |  |
| 2 | Access the SAP Fiori app | Open Run Accrual/Deferral (TPM44). | The Execute Accrual/Deferral of Expenses and Revenues screen displays. |  |
| 3 | Test Run | Enter the following data and choose Execute:  OTC Transactions: Selected  Company code: for example 1010  Valuation Area: for example 002  Transaction: <transaction number(s) created in test script 1WV>  Accrual/Deferral Key Date: for example <last date of current month>  Include key date: for example, Selected  Test Run: Selected | The Execute Accrual/Deferral of Expenses and Revenues screen displays. Check accrual information on this screen. |  |
| 4 | Logs and Messages | Choose Logs and Messages. | The simulated posting information for IFRS (valuation area 002) is shown. No posting is created because it is a test run. |  |
| 5 | Production Run | Choose Back until you return to the initial screen of this app.  Change the following data and choose Execute:  Test Run: Deselected | The Execute Accrual/Deferral of Expenses and Revenues screen displays. Check accrual information on this screen. |  |
| 6 | Logs and Messages | Choose Logs and Messages | The posting information for IFRS (valuation area 002) is shown. An accounting document is created in the corresponding IFRS ledger. |  |

### Perform Key Date Valuation (Parallel Valuation)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

You use the valuation function to value the positions of financial instruments based on historical cost or fair value for a given key date in valuation area 002 for IFRS, and transfer results to corresponding ledger for IFRS in Financial Accounting (FI).

Prerequisites

Fair values (NPV) are calculated or maintained for financial transactions that are evaluated at fair value (NPV) according to IFRS. For more information, see the Calculate or Maintain Fair Value of Transaction step in test script Debt and Investment Management(1WV).

Key date valuation is executed in valuation area DE0 for local GAAP in test script Debt and Investment Management(1WV).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Log onto the SAP Fiori launchpad as a Treasury Accountant. | The SAP Fiori launchpad displays. |  |
| 2. | Access the SAP Fiori app | Open Run Valuation (TPM1). | The Execute Valuation screen displays. |  |
| 3. | Enter Selection Criteria for Test Run | Enter the following data and choose Execute:  OTC Transactions: Selected  Company code: for example 1010  Valuation Area: for example 002  Transaction: <transaction number(s) created in test script 1WV>  Key Date for Valuation: for example <last date of current month>  Valuation Category: for example Mid-year Valuation with Reset  When the Period End is also the Year End, use the Valuation Category Year-End Valuation should be used  Test Run: Selected | The Display Positions to be Valued screen displays. |  |
| 4. | Execute Valuation for Test Run | Choose Execute Valuation.  If the Message dialog box displays, choose Continue. | The Valuation Log screen displays. If an entry has a red traffic light, click it and check the error message. Perform the test run again until the error is resolved.  To check the simulated posting information for IFRS (valuation area 002), choose Logs + Messages. No posting is created because it is a test run.  Note Occasionally, if your selected transaction does not need valuation, there is no simulated posting. |  |
| 5. | Enter Selection Criteria for Production Run | Choose Back until you return to the initial screen of this app.  Change the following data and choose Execute:  Test Run: Deselected | The Display Positions to be Valued screen displays. |  |
| 6. | Execute Valuation for Production Run | Choose Execute Valuation. | The Valuation Log screen displays. To check the posting information for IFRS (valuation area 002), choose Logs + Messages. An accounting document is created in the corresponding IFRS ledger. |  |

## Reclassify from Long Term to Short Term (Parallel Valuation Area)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this step, the valuation class transfer is executed from long term to short term in all valuation areas, and reflected in all ledgers in Financial Accounting (FI).

Procedure

Because the valuation class transfer should be executed for all valuation areas at the same time, see the Reclassify from Long Term to Short Term (Valuation Class Transfer) step in the Debt and Investment Management (1WV) test script for executing valuation class transfer.

## Post Realized Profit and Loss (Parallel Valuation)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this step, you fix and post derived business transactions (usually realized profit and loss when deal is mature) in valuation area 002 for IFRS.

Prerequisites

The derived business transaction is fixed and posted in valuation area DE0 for local GAAP. This is described in the Post Realized Profit and Loss step in test script Debt and Investment Management(1WV).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Log onto the SAP Fiori launchpad as a Treasury Accountant. | The SAP Fiori launchpad displays. |  |
| 2. | Access the SAP Fiori app | Open Post Derived Business Transactions (TPM18). | The Fix and Post Derived Business Transactions screen displays. |  |
| 3. | Enter Selection Criteria for Test Run | Enter the following data and choose Execute:  OTC Transactions: Selected  Company code: for example 1010  Valuation Area: for example 002  OTC Transactions: <transaction number(s) created in test script 1WV>  TRL Date: <maturity date of transaction>  Test Run: Selected  Confirm the message Are you sure that you want to select future business transactions by pressing Enter. | The Fix and Post Derived Business Transactions screen displays.  If the system displays the message No scheduled derived business transactions were found for the selection, no derived transaction is available for your selection. Skip this step. |  |
| 4. | Fix and Post for Test run | Choose Fix. | The Posting Log: Posted Business Transactions screen displays. Simulated posting information for IFRS (valuation area 002) is shown. No posting is created because it is a test run. |  |
| 5. | Enter Selection Criteria for Production Run | Choose Back until you return to the initial screen of this app.  Change the following data and choose Execute:  Test Run: Deselected  Confirm the message Are you sure that you want to select future business transactions by pressing Enter. | The Fix and Post Derived Business Transactions screen displays. |  |
| 6. | Fix and Post for Production run | Choose Fix. | The Posting Log: Posted Business Transactions screen displays. The posting information for IFRS (valuation area 002) is shown. An accounting document is created in the IFRS ledger in financial accounting. |  |

Typographic Conventions

|  |  |
| --- | --- |
| Type Style | Description |
| Example | Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options.  Textual cross-references to other documents. |
| Example | Emphasized words or expressions. |
| EXAMPLE | Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE. |
| Example | Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools. |
| Example | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation. |
| <Example> | Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system. |
| EXAMPLE | Keys on the keyboard, for example, F2 or ENTER. |

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