

Charges and Settlement in SAP Transportation Management

COURSE OUTLINE

Course Version: 16 Course Duration: 5 Days

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Typographic Conventions

American English is the standard used in this handbook. The following typographic conventions are also used.





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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Business Process Architect
- Business Process Owner/Team Lead/Power User



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UNIT 1 Charge Calculation Master Data

Lesson 1: Managing Transportation Charges

Lesson Objectives

After completing this lesson, you will be able to:

Describe the charge calculation methods and master data structure of transportation charge management

Lesson 2: Maintaining Scales

Lesson Objectives

After completing this lesson, you will be able to:

- Configure the settings in a scale base
- Configure scale templates
- Maintain scales
- Identify the settings in a calculation base

Lesson 3: Maintaining Charge Types

Lesson Objectives

After completing this lesson, you will be able to:

• Maintain charge categories, subcategories, and types

Lesson 4: Maintaining Rate Tables

Lesson Objectives

After completing this lesson, you will be able to:

- Create rate table templates
- Create a rate table
- Maintain rate tables
- Perform mass maintenance of rates
- Use the master data cockpit to display rates



Lesson 5: Maintaining Calculation Sheets

Lesson Objectives

After completing this lesson, you will be able to:

• Create a calculation sheet

Lesson 6: Maintaining Agreements

Lesson Objectives

After completing this lesson, you will be able to:

• Customize an agreement

UNIT 2 Charge Calculation

Lesson 1: Calculating Charges in Freight Orders

Lesson Objectives

After completing this lesson, you will be able to:

- Configure settings for calculating costs in freight order types
- Validate freight order charges
- Estimate charges using SAP TM Quick Quote

Lesson 2: Calculating Specialized Charges

Lesson Objectives

After completing this lesson, you will be able to:

- Use a wildcard search to find rates for zones and ZIP codes
- Calculate the charge with "through" rates



UNIT 3 Freight Settlement and Carrier Invoice Processing

Lesson 1: Settling Freight Charges in SAP Transportation Management

Lesson Objectives

After completing this lesson, you will be able to:

• Create the freight settlement document (FSD) in SAP TM

Lesson 2: Settling Freight Charges in SAP ERP

Lesson Objectives

After completing this lesson, you will be able to:

• Transfer the Freight Settlement Document to SAP ERP

Lesson 3: Verifying Carrier Invoices

Lesson Objectives

After completing this lesson, you will be able to:

• Verify the carrier freight invoice

Lesson 4: Submitting Invoices with the Carrier Collaboration Portal

Lesson Objectives

After completing this lesson, you will be able to:

• Manage and pay carrier invoices using invoice submission

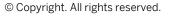
Lesson 5: Configuring Freight Settlement in SAP TM

Lesson Objectives

After completing this lesson, you will be able to:

Configure the settings for freight settlement in SAP TM

Lesson 6: Configuring Freight Settlement in SAP ERP





Lesson Objectives

After completing this lesson, you will be able to:

• Configure the settings for freight settlement in SAP ERP

UNIT 4 Freight Charge Corrections

Lesson 1: Correcting Freight Charges

Lesson Objectives

After completing this lesson, you will be able to:

• Correct the charges at different stages of the settlement for non-air shipments

Lesson 2: Managing Disputes Using the Carrier Collaboration Portal for Self-Billing

Lesson Objectives

After completing this lesson, you will be able to:

• Perform dispute management for self-billing



UNIT 5 **Dynamic Charge Calculation**

Lesson 1: Maintaining Preconditions

Lesson Objectives

After completing this lesson, you will be able to:

- Maintain preconditions in calculation sheets
- Maintain preconditions in agreement items

Lesson 2: Determining Agreements

Lesson Objectives

After completing this lesson, you will be able to:

- Use priorities to determine agreements
- Use charge calculation rules to determine agreements





UNIT 6 Event-Based Charges

Lesson 1: Using Event-Based Charges

Lesson Objectives

After completing this lesson, you will be able to:

- Explain event-based charges
- Customize event-based charges
- Use event-based charges in the calculation master data
- Calculate charges



UNIT 7 Transportation Cost Distribution

Lesson 1: Describing Freight Cost Distribution

Lesson Objectives

After completing this lesson, you will be able to:

- Distribute freight costs across business units
- Post distributed freight order costs to the business unit

Lesson 2: Configuring Cost Distribution

Lesson Objectives

After completing this lesson, you will be able to:

- Configure settings for cost distribution in SAP TM
- Configure settings for cost distribution in SAP ERP

Lesson 3: Distributing Transportation Costs

Lesson Objectives

After completing this lesson, you will be able to:

- Perform cost distribution for freight orders
- Validate general ledger postings from distributed costs



UNIT 8 Strategic Freight Procurement

Lesson 1: Describing Strategic Freight Procurement Processing Steps

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the freight procurement process

Lesson 2: Preparing a Request for Quotation (RFQ)

Lesson Objectives

After completing this lesson, you will be able to:

• Prepare an RFQ

Lesson 3: Submitting an RFQ

Lesson Objectives

After completing this lesson, you will be able to:

- Approve workflow
- Submit an RFQ

Lesson 4: Evaluating Responses

Lesson Objectives

After completing this lesson, you will be able to:

- Use the carrier collaboration portal for responses to RFQs
- Use optimizer analysis

Lesson 5: Generating Agreements for Strategic Freight Procurement

Lesson Objectives

After completing this lesson, you will be able to:

Generate agreements for strategic freight procurement



Lesson 6: Assigning Users at Freight Agreement (FA) RFQ Item Level

Lesson Objectives

After completing this lesson, you will be able to:

Create freight agreement RFQ assignments

Lesson 7: Using Target Rates in Strategic Freight Procurement

Lesson Objectives

After completing this lesson, you will be able to:

• Use target rates

Lesson 8: Calculating Bonus-Malus in Strategic Freight Procurement

Lesson Objectives

After completing this lesson, you will be able to:

• Use the bonus-malus functionality in strategic freight procurement

UNIT 9 Embedded Logistics Service Provider (LSP)

Lesson 1: Describing the Embedded LSP Business Scenarios

Lesson Objectives

After completing this lesson, you will be able to:

• Describe the embedded LSP business scenarios

Lesson 2: Configuring the Embedded LSP Scenario in SAP ERP

Lesson Objectives

After completing this lesson, you will be able to:

• Configure the embedded LSP scenario in SAP ERP

Lesson 3: Configuring the Embedded LSP Scenario in SAP TM

Lesson Objectives

After completing this lesson, you will be able to:

• Configure the embedded LSP scenario in SAP TM

