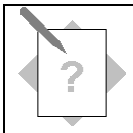
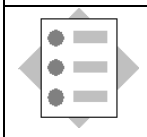
Exercises – GLM



Chapter 5: Label determination



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1 Labeling scenario: Generic

1.1 Label Determination with scenario Generic

1.1.1 Exercise summary (read only)

In the first part of this exercise, you will determine a label to an arbitrary material.

1.1.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01).

1.1.3 Entry data (experienced user only)

For step		Criteria for the field
3	Material:	P192_XX
3	Sold-to party:	Free choice

1.1.4 Step by step (start your exercise here)

Step 1: Start the transaction

Navigate to Label Printing using following menu path:
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01) and open it by double click.

Step 2: Activate the scenario 'Generic'

Open the selection list with the button (at the right edge).

Choose the scenario 'Generic'.

Step 3: Enter the material number

Enter the material number P192_XX in the field ‘material’.
Enter a value of free choice in the mandatory field ‘Sold-to-Party’.

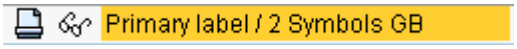
Step 4: Generate the label tree

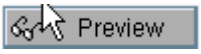
Press the button ‘Label Tree’

.

Step 5: Preview the label

Double click on the generation variants in the label tree



Press the ‘Preview’ button 

and view the labels.

1.2 Manual change of the input requirements

1.2.1 Exercise summary (read only)

Then in the next part change the input requirement data ‘*Countries’* and ‘*Mode of Transport’* and discover the effect in the label tree.

1.2.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01).

1.2.3 Entry data (experienced user only)

For step	Field	Criteria for the field
2	Material:	P192_XX
2	Sold-to party:	Free choice
3	Change of Countries	from GB to FR
3	Change Mode of Transport	from ‚Road’ to ‚Sea’ and ‚Air’ respectively

1.2.4 Step by step (start your exercise here)

Step 1: Start the transaction

Navigate to Label Printing using following menu path:
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01) and open it by double click.

Step 2: Enter the material

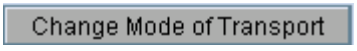
Activate again the tab with the 'Generic' scenario. Enter the material P192_XX in the field 'material'.

Enter a value of free choice in the mandatory field 'Sold-to-Party'.

Step 3: Change the input data

Change the *Countries* by clicking on the button.

	OLD	**NEW**
Countries	GB	FR

Change the *Mode of Transport* by clicking on the button. 

	OLD	**NEW**
Mode of Transport	Road	Sea OR Air

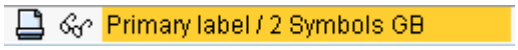
Step 4: Generate the label tree

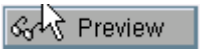
Press the button 'Label Tree'

.

Step 5: Preview the label

Double click on the generation variants in the label tree



Press the 'Preview' button 

and view the labels.

1.3 Change of the number of the 'Use Symbols'

1.3.1 Exercise summary (read only)

In this step you will change the 'Use Symbols' in the specification workbench. After changing the settings you should recognize the effect.

1.3.2 Exercise start (experienced user only)

First choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing (Transaction CBGL_MP01).

Second menu path:
SAP Menu → Logistics → Environment, Health and Safety → Basic Data and Tools → Specification Workbench (Transaction CG02).

1.3.3 Entry data (experienced user only)

For step		Criteria for the field
1, 5	Material:	P192_XX
3	Specification	GL-XX
5	Labeling scenario	Generic

1.3.4 Step by step (start your exercise here)

Step 1: Restart the exercise 1.1

Restart exercise 1.1 and view the label at the 'Bottle' unit.

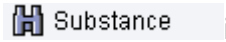
Purpose is to recognize the changes later.

Step 2: Start the Specification Workbench

To start the Specification Workbench navigate to:
SAP Menu → Logistics → Environment, Health and Safety → Basic Data and Tools → Specification Workbench
(Transaction CG02) and open it by double click.

Step 3: Search and Select a substance

Starting point is always the search screen or the hit list:

Double click on the binoculars 

in front of Substance in the navigation area. Search your specification GL-XX and press 'Enter' or use the ‚Hitlist' Button . The result is a hitlist with only one specification. Open your specification by double clicking.

Before you start a new search the button '

' should be used to make sure that no 'old' entries are still in the search screen.

Step 4: Open the property Labeling (EU)

In the STANDARD property tree navigate to the property Labeling (EU):

Double click on the property in the tree to open it.

Step 5: Add 2 'Hazard symbols'

To add 2 hazard symbols, position the cursor in the field 'Hazard Symbol' and choose 2 symbols (mark one and add it to the list by clicking on the up-arrow)

Transfer your changes and finally save the changes in the specification.

Step 6: Generate the label tree

Start again the label printing (transaction CBGL_MP01) and choose the scenario 'Generic'. Enter the material P192_XX in the field 'material' and enter a value of free choice in the mandatory field 'Sold-to-Party'. Then generate the label tree Label Tree for this material.

Look at the generation variant in the label tree for 'Bottle'.

Recognize the differences between the labels in step one and now. (There is no more a label at the bottle level available! WHY?)

2 Labeling scenario: Make-to-Stock

2.1 Exercise summary (read only)

In this chapter you see the label determination for a material related to a process order. Also you should check the calculated quantity of the labels.

2.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01).

2.3 Entry data (experienced user only)

For step		Criteria for the field
2	Labeling scenario	Make-to-Stock
2, 6	Process order number	70000382

2.4 Step by step (start your exercise here)

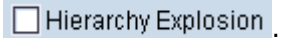
Step 1: Start of transaction

Navigate to Label Printing using following menu path:
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01) and open it by double click.

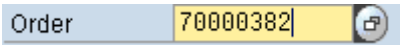
Step 2: Enter the key of the process order

Activate the 'Make-to-Stock' scenario by clicking on the appropriate tab rider

:

Unmark the hierarchy explosion flag 

.

Enter the process order number in the field order 

and press the key 'Enter'.

Step 3: Generate the label tree

Press the button ‘Label Tree’

.

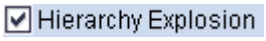
Step 4: Preview the labels

Double click on a generation variant in the label tree

Press the ‘Preview’ button

and view the labels. (Recognize how many labels and generation variants are available.)

Step 5: Repeat label generation with flag hierarchy explosion

Repeat the label generation and go back to the ‘Make-to-Stock’ scenario by clicking on the back arrow
. Now mark the hierarchy explosion flag 

. Press again the Button

, double click on a generation variant and view the displayed ‘Number of Labels’ in the Label Information field.

Step 6: Check the quantity of the material in the process order

Open a new session by clicking on
. Open the transaction COR3.

Enter the process order number 70000382 and press ‘Enter’ (or F5 or the button header data
) In the tab ‘General Data’ check the quantity (in the field *Total Qty).*

Step 7: Check the number of labels in the label tree

Turn back to your first session and check the number of labels in the different packaging levels.

Be aware how the number of the labels is calculated.

3 Labeling scenario: Delivery

3.1 Determination

3.1.1 Exercise summary (read only)

In this part of the exercise you will see the determination of labels for materials related to a delivery.

3.1.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01).

3.1.3 Entry data (experienced user only)

User	Delivery	Material
01	80013212	P192_01
02	80013213	P192_02
03	80013214	P192_03
04	80013215	P192_04
05	80013216	P192_05
06	80013217	P192_06
07	80013218	P192_07
08	80013219	P192_08
09	80013220	P192_09
10	80013221	P192_10

3.1.4 Step by step (start your exercise here)

Step 1: Start of transaction

Navigate to the Label Printing menu using following menu path:
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing

(Transaction CBGL_MP01) and open it by double click.

Step 2: Generate the label tree for a material of a delivery

Activate the ‘Delivery’ scenario by clicking on the appropriate tab

.

Enter the number of the delivery related to your User (see ‘Entry data’ above) in the field ‘Delivery’. Press ‘Enter’.

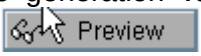
Choose your material in the selective list (see ‘Entry data’ above).

Press the button ‘Label Tree’

to generate a label tree.

Step 3: Preview the customer specific label

Double click the generation variant

and press the ‘Preview’ button 

and view the label.

Be aware that the label category with this label is ‘Customer specific label’.

3.2 Changing of the route of the delivery

3.2.1 Exercise summary (read only)

In this part of the exercise you should change the Route of the Delivery and recognize the effect of the made changes.

3.2.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Sales and Distribution → Shipping and Transportation → Outbound Delivery → Change VL02N - Single Document
(Transaction VL02N).

3.2.3 Entry data

Delivery with your material (see 'Entry data' in section 'General determination')

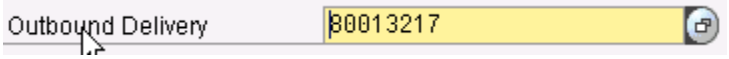
For step		Criteria for the field	
	Route	**OLD**	**NEW**
3		GLM01 (Berlin-Paris-Madrid)	GLM02 (Berlin-Athen)

3.2.4 Step by step (start your exercise here)

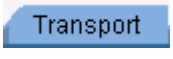
Step 1: Start of transaction
Navigate to the Outbound Delivery menu using following menu path:
SAP Menu→Logistics→ Sales and Distribution → Shipping and Transportation → Outbound Delivery → Change VL02N - Single Document
(Transaction VL02N) and open it by double click.

Step 2: Enter the number of the delivery

Enter your delivery number (see chapter 3.1.3) and press 'Enter'.



Step 3: Change the Route

Navigate to tab rider *Transport*: 

Change the Route (Field: *Route*) from GLM01 (Berlin-Paris-Madrid) to GLM02 (Berlin-Athen)

and save the data. If a pop up window concerning dangerous good check appears, confirm it.

Step 4: Repeat the label generation

Repeat the label generation with your delivery number and recognize the effect of the change of the route.

3.3 Changing of the dangerous goods master data

3.3.1 Exercise summary (read only)

Change the danger label at the dangerous goods master and recognize the effect in the transport label.

3.3.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Dangerous Goods Management → Dangerous Goods Master
(Transaction DGP2).

3.3.3 Entry data

For step		Criteria for the field
2	Material:	P192_XX

For step		Criteria for the field	
		OLD	**NEW**
3	**Dangerous goods regulation:**	IATA_C	IATA_C
3	**Danger Label:**	3	1.4

3.3.4 Step by step (start your exercise here)

Step 1: Start the transaction

Navigate to the Dangerous Goods Master using following menu path:
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Dangerous Goods Management → Dangerous Goods Master
(Transaction DGP2) and open it by double click.

Step 2: Enter the material number

Enter your material P192_XX in the field 'Material'.

Press 'Enter' and the material description get opened. Then press 'Enter' again or display the Hitlist .

Step 3: Change the Danger label

Activate the tab *Labeling*.

Change the value in the column *Danger label* (it is the 5th column) in the line where the value of the regulation is IATA_C:

	P192_03	IATA_C			3

Step 4: Repeat the label generation

Repeat the label tree generation (Transaction code CBGL_MP01). Enter your delivery number and choose again your material. Recognize the effect of the change in the label.

4 Labeling scenario: Goods Receipt

4.1 Exercise summary (read only)

In this part of the exercise you could see the determination of labels for materials related to a Goods Receipt.

4.2 Exercise start (experienced user only)

Choose menu path
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01).

4.3 Entry data

For step		Criteria for the field
3	Document number	4900031151
3	Mat. Doc. Year	2005

4.4 Step by step (start your exercise here)

Step 1: Start the transaction

Navigate to the Label Printing menu using following menu path:
SAP Menu→Logistics→ Menu of Envionmental, Health and Safety →Product Safety→ Global Label Management→ Label Printing
(Transaction CBGL_MP01) and open it by double click.

Step 2: Activate the scenario 'Goods Receipt'

Choose the tab 'Goods Receipt'.

Step 3: Enter the document number (of the Goods Receipt)

Enter the document number and the Mat. Doc. Year.

(There is only one material existing.)

Step 4: Generate the label tree.

Press the button 'Label Tree'

to generate a label tree.