

SAP Note

**446831 - Delivery costs with new price determination for goods receipt**

Version 5 **Validity:**
14.07.2003 - active

Language English

Header Data

Released On 14.07.2003 04:34:30
Release Status Released for Customer
Component MM-PUR-GF-GR Interface - Goods receipt
Other Components MM-PUR-GF-LIS Statistics Update
Priority Correction with high priority
Category Program error

Symptom

In a scheduling agreement with master conditions or in a purchase order, the system controls via pricing date category '5' that a new price determination should be carried out for the goods receipt.
The basic time-dependent conditions (in scheduling agreement or info record) contain delivery costs.

Explanation using an example:

- In the calculation schema, there are freight costs conditions at the same level with a different counter, for example

Level 31	Counter 01	FRB1
Level 31	Counter 02	FRB2

- the validity period A of the time-dependent conditions contains the following entries:

PB00	10.00	EUR
FRB1	5.00	EUR
FRB2	7.00	EUR

- You post a goods receipt; the price determination determines the above conditions from period A.
- You enter new validity period B:

PB00	10.00	EUR
FRB2	7.00	EUR

- You post another goods receipt; the price determination determines the conditions of period B.

Due to the absence of condition FRB1 in period B, delivery costs FRB2 are updated with an incorrect counter (EKBZ-ZAEHK) for the GR in table EKBZ.

As a result, the following symptoms may occur.

- Problem in the statistics update
- The document cannot be archived since quantities/values of GR/IR are not correctly cleared.
- Deletion indicator for a document item cannot be set since quantities/values of GR/IR are not correctly cleared.
- Unexpected posting during the entry of an invoice for delivery costs.

Other Terms

EKPO-MEPRF, ME573, MB01, MIGO, goods receipt, invoice, EKPO-LOEKZ, delivery costs, freight, freight costs, price determination

Reason and Prerequisites

The problem is caused by a program error.

Solution

Implement the attached program correction.
Afterwards, add the following to the long text of message ME573:
Transaction SE91, message class ME, enter message number 573, choose 'Display'.
Select the short text and choose 'Long text'. Go to 'Change' mode.

- Release 3.1I, 4.0B and 4.5B

add the following to the list of the possible errors ...

```
AS [&V3+11(1)& ] error when maintaining delivery costs
/ in master conditions.
/ Delivery costs conditions in different
/ validity periods are not identical.
```

- Release > 4.5B

add the following to the list of the possible errors ...

```
[&V3+11(1)& ] error when maintaining delivery costs
in master conditions.
Delivery costs conditions in different
validity periods are not identical.
```

After the implementation of the correction, the system behaves as follows:
During the goods receipt, if you discover a situation as described, above, you cannot post the goods receipt; the system issues error ME573.

To eliminate the problem, the following measure is necessary:
The delivery costs conditions for the new validity period in the scheduling agreement or info record must be supplemented so that the freight costs conditions are available in the same sequence for all validity periods regardless of whether these are relevant for the respective validity period or not. If one or several freight costs conditions are no longer relevant for a validity period, you should set the value of the condition to 'zero' but you should not delete it.

The new program component which initiates error ME573 can be deactivated if necessary via a switch - as described in Note 447374.

Other Attributes

Transaction codes	MB01
	PB00
	SE91

Validity

Software Component	From Rel.	To Rel.	And Subsequent
SAP_APPL	40B	40B	
	45B	45B	
	46B	46B	
	46C	46C	

Correction Instructions

Correction Instructions

Software Component	Valid from	Valid to	Number
SAP_APPL	40B	40B	325457
SAP_APPL	45B	46C	348940

Support Packages & Patches

Support Packages

Software Component	Release	Support Package
SAP_APPL	40B	SAPKH40B70
	45B	SAPKH45B51
	46B	SAPKH46B40
	46C	SAPKH46C47

References

This document refers to:

SAP Notes

- 490574 [Composite SAP Note for stats program in purchasing SAPLEINS](#)
- 490555 [Composite SAP note for stats program SAPLEINS in purchasing](#)
- 483982 [Composite SAP Note for stats program in purchasing SAPLEINS](#)
- 447374 [ME573"Transctn cannt be postd due to errrs in prce detrmntn"](#)

This document is referenced by:

SAP Notes (4)

- 483982 [Composite SAP Note for stats program in purchasing SAPLEINS](#)
- 490555 [Composite SAP note for stats program SAPLEINS in purchasing](#)
- 490574 [Composite SAP Note for stats program in purchasing SAPLEINS](#)
- 447374 [ME573"Transctn cannt be postd due to errrs in prce detrmntn"](#)