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1.1 261850 PA-7NVD2L Change Consolidation Trigger

Version : 1.0
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2 Funcional Overview

2.1 Client Requirement

Currently quantity consolidation by Customer or Customer Group is triggered by a trip being taken to an ?ACCEPTED? status - change this to being activated at ?PLANNED? status. Any orders added or deleted from a trip would require the Trip to be revalidated to recalculate the Trip revenue.

2.2 Solution

The consolidation by customer or customer group is handled by a procedure called process shipment within the package TRM. This procedure is currently only called when the trip is at status ?ACCEPTED?.

A system registry parameter will be added to control the functionality. The registry will determine which statuses will trigger the consolidation. The options for the registry will be ?PLANNED?, ?ACCEPTED? or ?BOTH?. If no value is set for the registry parameter then the consolidation will trigger at status ?ACCEPTED? as per existing functionality.

The trip will be revalidated whenever an order is added or deleted and this will then recalculate the trip revenue.

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3 Set-up

3.1 Data

A new system parameter called ?TRM_STATUS_FOR_CONSOLIDATION? will be required and should be set to the trip status required for the new functionality to be operative:

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4 Functional Description

4.1 Change to ?TRM? package

The function ?PROCESS_SHIPMENT? in the ?TRM? package will be called in the ?TRIPSUM? form via the function ?VALIDATE_TRIP? in the ?TRM? package via the function ?SET_TRIP_STATUS? in the ?TRM? package.

If the trip status is updated at present to be one of the following then the function ?PROCESS_SHIPMENT? will not be run:

- PLANNED
- DELETED
- REJECTED
- CANCELLED
- ABANDONED
- SEMI_FIXED

Therefore, the function ?VALIDATE_TRIP? will need to include or exclude the trip status ?ACCEPTED? or ?PLANNED? based on the setting of the new system parameter ?TRM_STATUS_FOR_CONSOLIDATION?.

The processing for the trip status may be summarised as follows:

System Parameter	Trip Status - ?ACCEPTED?	Trip Status - ?PLANNED?
ACCEPTED	INCLUDED	EXCLUDED
PLANNED	EXCLUDED	INCLUDED
BOTH	INCLUDED	INCLUDED
NULL	INCLUDED	EXCLUDED

If the new system parameter has not been setup then the existing functionality will be retained so that ?PLANNED? is excluded from processing.

The new system parameter will not affect the exclusion of the trip status, as listed above, except for ?PLANNED?.

The function ?SET_TRIP_STATUS? may be called by the following forms:

- CAR_TRIP_MAN
- TRIPDTL
- TRIP_OVERVIEW
- TRIP_PLAN
- TRIP_RES
- TRIPSUM

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5 References

Ref No	Document Title & ID	Version	Date
1	EST-261850 PA-7NVD2L Change Consolidation Trigger v1.0.doc	1.0	18/03/2009

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6 Document History

Version	Date	Status	Reason	Initials
0.1	27/03/2009	Draft	Initial version	PDR
1.0	30/03/2009	Issue	Reviewed and Issued	MJC

7 Authorised By

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