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| Small Change Request (Analysis) | |
| Project/Log Number: PROD / 366598 | Date: 28/01/2020 |
| Requested By: Tony Walker | Prepared By: Tony Walker |

Change Category (SCE_WMS, CTMS, EPOD, PORTAL, etc):
MCS

Describe the Change Being Requested:

Add the following functionality:

1. Auto-close pallets on despatch confirm.
2. Debrief all stop types at a location.
3. Allow removal of packages from pallets by scanning the item twice.

~~Auto-remove damaged items from onward trips. Already completed.~~

Describe the Reason for the Change (new requirement, s/w fix, problem management etc):

As follows:

1. Pallets that remain OPEN are suggested for pallet building. If the pallet is no longer physically at that location, the pallet should not be available for pallet building.
2. Trip stops can either be debriefed if they are start-up (SU) or close (CL) stops, unless further functionality is enabled. This existing functionality *a*lso changes status, completes other stops, prior trips, etc, so is undesirable when loading/unloading at stops other than the originating depot. For example, shunt trips picking up from multiple depots, external/other depot carrier pickup, etc.
3. There is no way of removing items from a pallet through the device.

~~Damaged items are unlikely to be on-forwarded, and most likely would require re-packaging, re-labelling etc. Therefore the original item should not be suggested for any subsequent receipt or despatch on subsequent trips.~~

Describe all Alternatives Considered:

Alternatives are manual only:

1. Manually close pallets before despatch.
2. Manually debrief stops.
3. Manually remove packages using the CTMS Shipment Pallet screen.

~~Manually remove all damaged items from order before continuing.~~

Given that C-MCS is supposed to help automate the operations that use it, these basic steps should also be automatic.

List Program and Change Summary Required to Implement this Change:

As follows:

Auto-close pallets on despatch confirm

Add a new cost centre-level system parameter "MCS_AUTO_CLOSE_PALLETS", defaulting to "N".

Modify existing procedure FN_DESP_CONF.

If the new parameter is set, do the following:

- "N" - nothing
- "Y" - close the pallet at the point of despatch.

Existing procedure FN_UPDATE_PALLET_STATUS does this, and includes a number of checks. This may either be used directly (if the checks are appropriate and have not already been completed as part of procedure FN_DESP_CONF) or a parameter added to remove any already-completed redundant checks from the process. If a new procedure is added, the existing version of the procedure (without the parameter) must be preserved (calling the new version), as this is called from C-MCS directly.

Debrief all stop types at a location

I.e. without Receipt/Despatch Only flag required to be set.

A location flag already exists to control this functionality - "Debrief Stop" - GEO_LOCATION.MCS_DEBRIEF_STOP_TIMES. This needs to be added to the package code.

In the C-TMS screen, default this flag to "N".

If set to "Y", always debrief all stops found for this location and action (i.e. for Loading, SU/PK, for Despatch, DL/CL).

Allow removal of packages from pallets by scanning the item twice

Add a new cost centre-level system parameter "MCS_REMOVE_PACKAGE", defaulting to "N"

When a package is scanned onto a pallet on which it already exists, an error is returned from the package to say that the item is already on the pallet.

If the new system parameter MCS_REMOVE_PACKAGE is set to "Y", MCS should offer the user the choice of removing the package from the pallet. If confirmed, MCS should call DP_MCS_SCANNING.FN_REMOVE_FROM_PALLET, and confirm with the user (if successful) that the item has been removed from the pallet.

Auto-remove damaged items from onward trips

No longer required - already completed.

Describe Risks to be Considered for this Change:

Existing operations using C-MCS may be affected by this additional functionality - see Implications section.

Estimate Dev/Test Effort (in days) Needed to Implement this Change:

SCR Analysis: 1.0

DEV: 3.0

TEST: 1.5

Describe the Implications to other Customers:

Existing operations using C-MCS may be affected by this additional functionality (LFS specifically, but also DHLT/HCR/HC-CHER, TDL). Care must be taken to implement these changes so that, if not configured to do as described above, the application still works in the same way.

Requestor Sign off:

☐ Approve ☐ Reject ☐ Defer

Justification of Approval, Rejection, or Deferral:

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1 SCR 369080 MCS Scan Printer

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| Small Change Request (Analysis) | |
| Project/Log Number: PROD / 369080 | Date: 24/01/2020 |
| Requested By: Denis Starodubov | Prepared By: Tony Walker |

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| Change Category (SCE_WMS, CTMS, EPOD, PORTAL, etc): MCS |
| Describe the Change Being Requested: When printing the FMPL labels, the user is only able to print from the zebra printer associated with their CTMS account - they are unable to choose a zebra printer by scanning it. |
| Describe the Reason for the Change (new requirement, s/w fix, problem management etc): Time taken to select required printer from drop-down as opposed to simply scanning it. |
| Describe all Alternatives Considered: Select from the list - deemed inappropriate by the customer. |
| List Program and Change Summary Required to Implement this Change: To achieve this, we must make the following changes: <ul style="list-style-type: none"> • No system configuration required. • In MCS Pallet Building: <ul style="list-style-type: none"> ◆ If printing labels, add a text field above the existing printer select DDL. <ul style="list-style-type: none"> ◇ Focus on this text box with initial help text set to "Scan a printer barcode". ◇ Add event so that hitting Return on this field selects the printer in the list. If the printer is not found in the list, display an error. If found, move on as if printer selected from list. In all cases, clear text from box. ◇ If Select is clicked and there is text in the text box, fire the event above. If no text, use the printer selected in the DDL. If no printer selected, issue an error. ◆ Note: If not printing labels, this is not to be displayed or focussed. |
| Describe Risks to be Considered for this Change: Low - the change is relatively simple and, although it will look cosmetically different to those customers that are not used to scanning barcodes to identify a printer, the screen will still be able to work as per their current process and this text box can be ignored. Worst case scenario, this text box can be disabled and hidden as part of a custom style if the cosmetic difference is confusing. |
| Describe the Implications to other Customers: Existing operations using C-MCS may be affected by this additional functionality (LFS specifically). Care must be taken to implement these changes so that, if not configured to do as described above, the application still works in the same way. |
| Requestor Sign off: <input checked="" type="checkbox"/> Approve <input type="checkbox"/> Reject <input type="checkbox"/> Defer |
| Justification of Approval, Rejection, or Deferral: Agreed with customer |

