1. General information

This mobile application supports the SAP process Goods receipt for purchase order with use of vendor pallet label. It supports handling unit management storage location and non handling unit managed.

The advantage of this application:

- Reuse vendor pallet label (no process for print new label)
- Automatic goods receipt by scanning vendor label
- Flexible maintenance for the content of vendor label

2. User parameters

User parameters used as default values in the application:

- DYL – Default Neptune language (E = English)

3. Customizing of the application

- In transaction STVARV you need to add the parameter /SSC/WM_PROD_LAB_OUTPUT with value warehouse and pallet label output type (xxx_xxxx). This output is automatic triggered if the pallet label from vendor can’t be scanned. Example
**When doing goods receipt the standard IDOC with message type WMMBXY is used. This means that partner is needed setup in transaction WE20.**

In the method POST_GOODS_RECEIPT in class \$/S5C/CL_WM_GOODS_RECEIPT parameters for the IDOC processing is needed changed according to the system setup. That is sy-sysid, edidc-rcvpor and edidc-sndpor.

**To be able to use external handling units in SAP when doing goods receipt, it is needed use of enhancement implementation. Enhancement spot ES_SAPLV51P in program SAPLV51P, function module V51P_PACKING_DETERMINATION (transaction SE19).**

Example code where plant and storage location for the goods receipt is hardcoded:

```plaintext
ENHANCEMENT-POINT V51P_PACKING_DETERMINATION_01 SPOTS ES_SAPLV51P STATIC.
*$*$-Start: V51P_PACKING_DETERMINATION_01-------------------------------
                    -----------------------------------
ENHANCEMENT 65 EXTERNAL_SSCC. "active version
* Set SCC like ABLAD WM
LOOP AT IT_KOMPV INTO LS_KOMPV WHERE VELIN = '1'.
    IF LS_KOMPV-werks EQ '3999' AND
     LS_KOMPV-lgort = '0002'.
    GS_HEADER51-EXIDV_HIGH = ls_KOMPV-ABLAD.
ENDIF.

**Transaction /S5C/WM_BARCODES. The transaction goods receipt for purchase order is based on scanning the vendors pallet label. It is then a table for maintaining how the barcodes for the**
vendor pallets are defined. You define vendor and the number of barcodes on the label. Define where the different information is in the barcode label.

4. Goods receipt purchase order

This is used for executing goods receipt with use of external vendor pallet label. It automatic calculates the number of pallets for the combination Purchase order and Delivery Note both on header an item level. Then you will have an overview of how many pallets that are scanned.

The user input purchase order and delivery note from vendor and scan the barcodes on the label. The label needs to include GTIN, quantity, expiration date, batch and SSCC-number in barcode for using this functionality. If the materials in SAP is not batch managed, the batch is not needed in the vendor label.
When you have scanned and everything is OK, inbound delivery is created. If some of the barcodes can’t be scanned, the user can input the data manually and receive a label print from SAP.