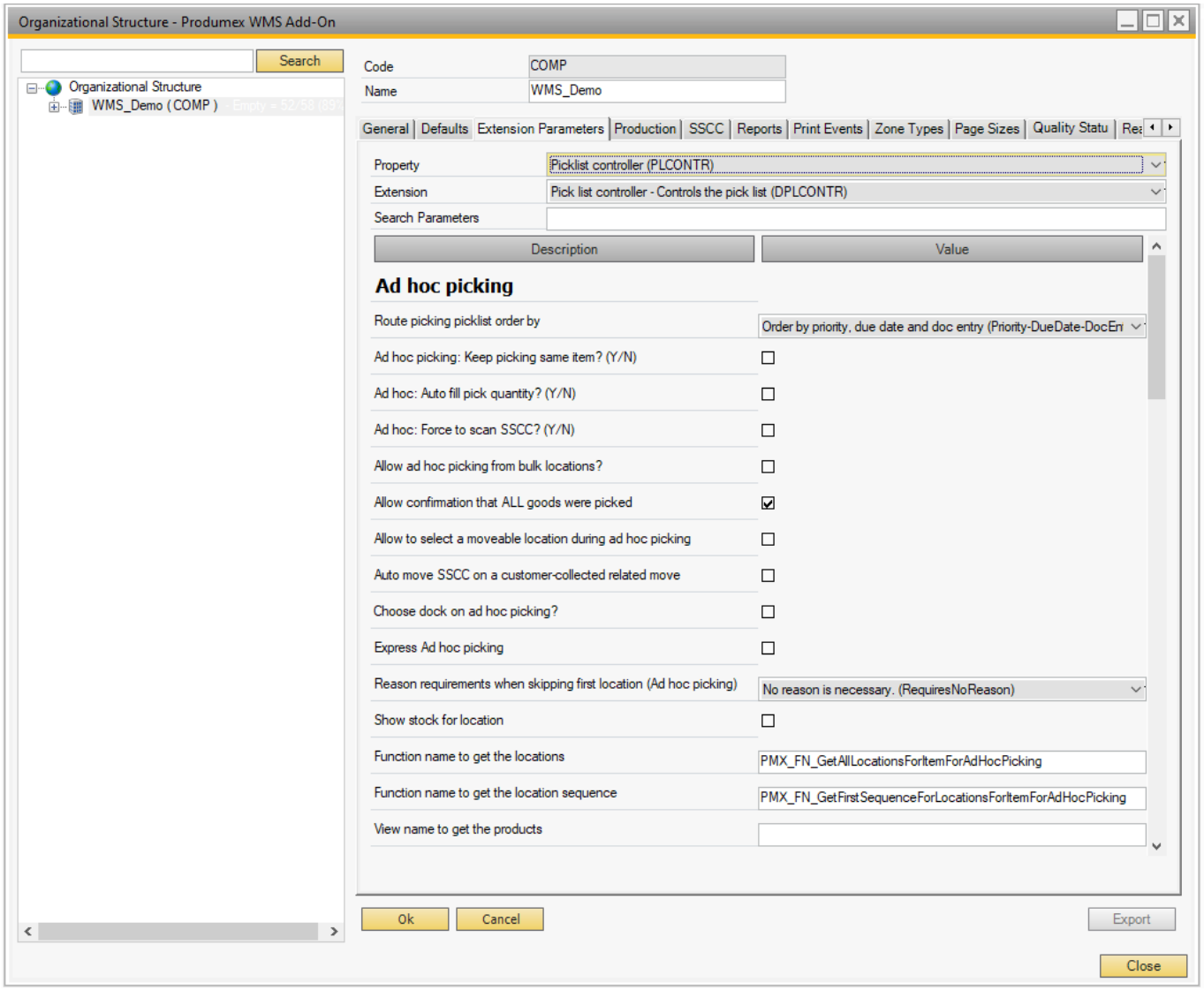
2.3.56. Picklist Controller

> **All Extension Parameters : 2.3. Extension Parameters tab**

Extension: Picklist Controller - Controls the Picklist

Ad Hoc Picking



The following settings apply to the three tasks of the Ad Hoc Picking Flow (Customer Collect, Picklist and Route) on the Mobile Client.

If a setting is task specific, the documentation specifies the task(s) that the given setting applies to. If no task is specified, the given setting applies to all the three tasks.

Route picking: picklist order by
The setting applies to Ad Hoc Picking task Route and it defines the sorting of picklists.

From the drop-down menu the following options can be selected:

- Order by priority, due date and doc entry
- Order by sequence on route: forward
- Order by sequence on route: reverse

Ad hoc picking: Keep picking the same item
If the setting is enabled, the system keeps asking the user to pick the item until everything is picked for the given item.
If the setting is disabled, it is not necessary to pick everything for the selected item. When the quantity to pick is defined, the system goes back to the overview screen of all items and the picking process can be started for another item.

Ad hoc: Auto fill pick quantity
If the setting is enabled, the quantity to pick is displayed in the quantity input field of the *Enter the Quantity* screen. If the setting is disabled, the displayed quantity is 1.

Note: If the quantity to pick is less than 1, the displayed quantity in the quantity input field is the maximum quantity to pick.

Ad hoc: Force to scan SSCC
If the setting is enabled, an SSCC must be scanned when performing the picking.

Allow ad hoc picking from bulk locations
If the setting is enabled, items can be picked from bulk locations (non-pick locations) as well.

Allow confirmation that all goods were picked
The setting applies to Ad Hoc Picking task Customer Collect.
If the setting is enabled and the picklist does not contain any item managed by Produmex serial numbers, the `Confirm all picked goods` button is displayed on the Mobile Client and the user can confirm that all the items are loaded in one step.

Allow to select a moveable location during ad hoc picking
If the setting is enabled, a movable location can be used during the Ad Hoc Picking flow.

Auto move SSCC on a customer-collected related move
The setting applies to Ad Hoc Picking task Customer Collect.
If the setting is enabled, the SSCC is automatically moved to the dock.
If the setting is disabled, the system asks the user if the SSCC needs to be moved.

Choose dock on ad hoc picking
The setting applies to Ad Hoc Picking tasks Route and Picklist.
If the setting is enabled, the system asks the user to select a dock to pick to. The selected dock is then saved on the route or picklist.

Express Ad Hoc Picking
If the setting is enabled, the *Scan SSCC / Location* step is skipped. Instead, after selecting a product, the user has the following options:

- If the item is available on one single location, the system immediately asks the user to enter the quantity to pick.
- If the item is available on more than one location, the system first asks the user to select a

location and then to enter the quantity to pick.

Reason requirements when skipping first location
The Ad Hoc Picking flow suggests a number of locations where the picking can be performed and the locations are sorted in a way that the first location is the best location to pick the items from. (Docks are not considered first locations.) If the user wants to pick from another location, this setting defines if a reason for skipping the first location is needed.

The following options can be selected from the drop-down menu:

- No reason
- Requires user-entered reason text: Free text, entered by user, minimum 10 characters
- Requires a reason to be selected from a list on the scanner

Show stock for location
The setting applies to Ad Hoc Picking task Picklist.
If the setting is enabled, the *Select a Pick Location* screen shows the free stock quantity of the selected item for each location listed on the screen.

Function/SP name to get the locations
The setting refers to the function/stored procedure that is used to get the locations for Ad Hoc Picking.

Input parameters on SQL:

- @pmxWhsCode
- @itemCode
- @batchToPick
- @separator
- @pickListDocEntry

The input parameters can be checked in the PMX_FN_GetAllLocationsForItemForAdHocPicking standard function.

Input parameters on HANA:

- p_pmxWhsCode
- p_separator
- p_pickListDocEntry

The input parameters can be checked in the PMX_SP_GetAllLocationsForItemForAdHocPickingInTmp standard stored procedure.

Function/SP name to get the location sequence
The setting refers to the function/stored procedure that is used to get the sequence of the locations.

Input parameters on SQL:

- @pmxWhsCode nvarchar
- @itemCode nvarchar
- @batchToPick nvarchar

The input parameters can be checked in the PMX_FN_GetFirstSequenceForLocationsForItemForAdHocPicking standard function.

Input parameters on HANA:

- p_pmxWhsCode nvarchar
- p_pickListDocEntry

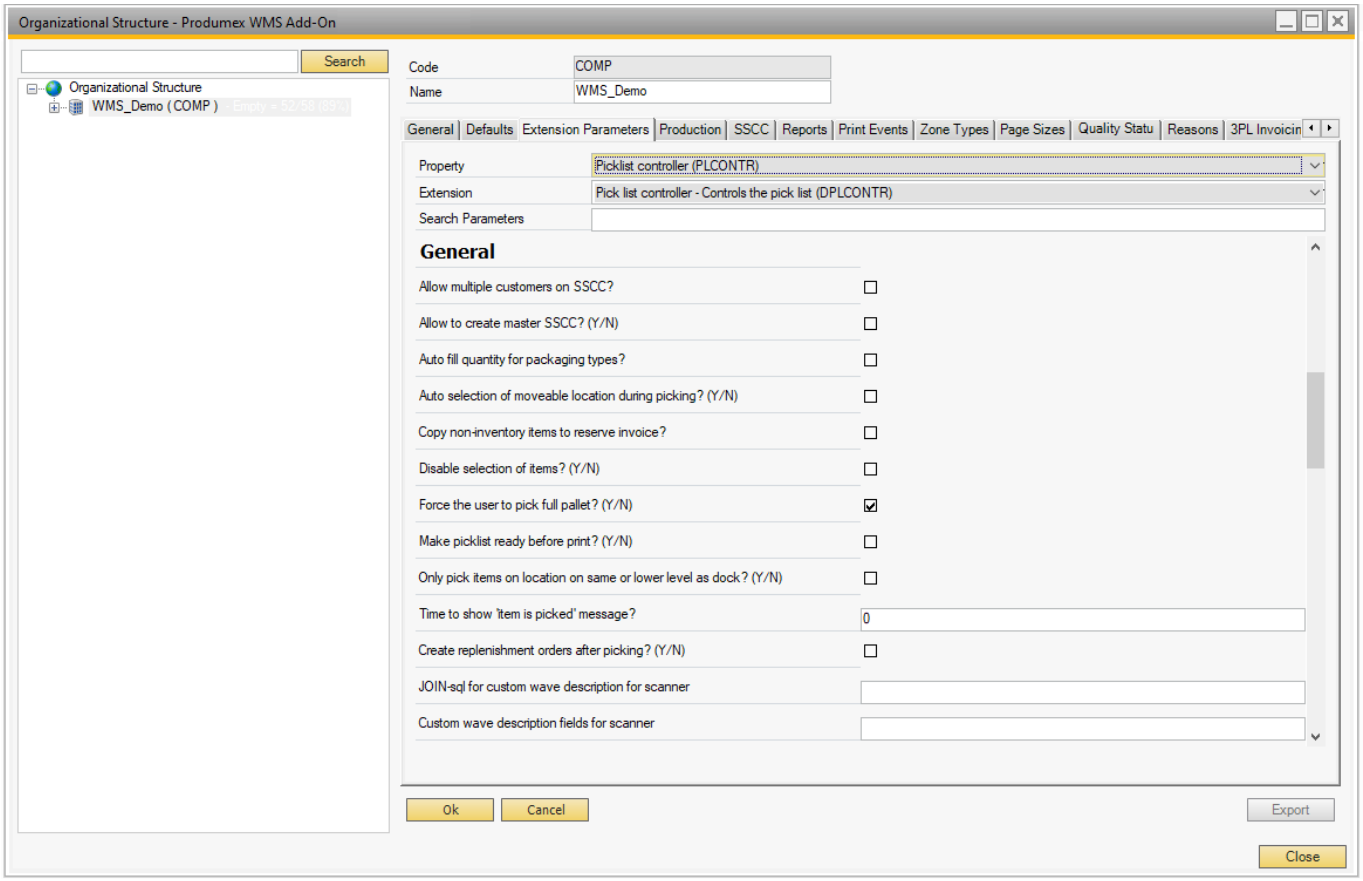
The input parameters can be checked in the PMX_SP_GetFirstSequenceForLocationsForItemForAdHocPicking standard stored procedure.

View name to get the products
With the setting a separate view can be provided to get the products to be picked. Mandatory columns to be listed for a view:

- DocEntry
- PmxWhsCode
- ProductCode
- ProductDescription
- ManBtchNum
- HasBestBefore
- GTIN
- DefaultLocationCode
- BaseLine
- BaseEntry
- LocationCodes
- Sequence
- batchToPick
- StillToPick
- QuantityPerUom

If no value is entered, the system executes the standard query.

General



Allow multiple customers on SSCC?
If the setting is enabled, the system will allow to put stock for multiple customers/delivery addresses on the same SSCC. This means that when you have a wave for multiple customers, the user is not forced to pick on a moveable location and going through the pack station.

Allow to create master SSCC (Y/N)
If enabled, a master SSCC can be created. A master SSCC is a single logistic unit that contains multiple sub-logistic units.

Auto fill quantity for packaging types?
If set to true, the quantity to pick will be automatically entered instead of a zero.

//Auto selection of moveable location during picking? (Y/N) //
If the setting is enabled and there is one available movable location, the system automatically selects the moveable location. In case of full pallets, no moveable location is used.
Note: This setting does not apply to the Multi-Picking flow.

Copy non-inventory items to reserve invoice?
If set to true, the system will copy non-inventory items to the reserve invoice when creating reserve invoices from picklists.

Disable selection of items? (Y/N)

- If the setting is set to “Y”, it will not be possible to select items on flows. In this case, items must be scanned, regardless of the pick list controller configuration.
- If the setting is set to “N”, item scanning behavior will follow the pick list controller setting.

Force the user to pick full pallet? (Y/N)
The setting allows for defining whether or not the user will be forced to pick a full pallet of items that

contains the same or a lower quantity than the quantity that has to be picked for the picklist.

Example: If a quantity of 60 has to be picked, and if a full pallet of 40 that answers the best before date and batch number criteria is available, this full pallet will be selected by the system for picking.

- Picking will occur by scanning the SSCC. The quantity will not be asked. The SSCC will remain the same as the original SSCC.
- If this is set to false, the user will need to pick it as 'item picking'.
- Consolidation does not allow picking full pallet.

Note:

- This setting does not apply when assigning stock to the picklist. This setting is only used after the stock is assigned to the pick list, and the user is going to pick the stock on the scanner.
- This setting takes priority over the *Only pick on 1 SSCC* setting. It is possible to end up with multiple SSCCs even if the *Only pick on 1 SSCC* setting is enabled.

Make picklist ready before print? (Y/N)
If this setting is enabled, the 'Make pick list ready' functionality allocates stock on location level to the picklist when the picklist is printed. If a pick list report needs to have the locations filled in, this option should be enabled.
This setting should be disabled if the *Do not lock stock on picking (picklists can be created even if no stock is available)* setting is enabled on the General Settings tab of the Organizational Structure.

Only pick items on location on same or lower level as dock? (Y/N)

If this setting is enabled, only stock that is located in locations that are in the same branch as the dock are allocated on the pick list. Other items from the picklist proposal that have no such stock will not be added to the picklist. The status of the created pick list will be Ready and the allocated stock is locked in 'Detail' level.

The 'same branch' means locations that are in the same Organizational Structure Element as the dock.

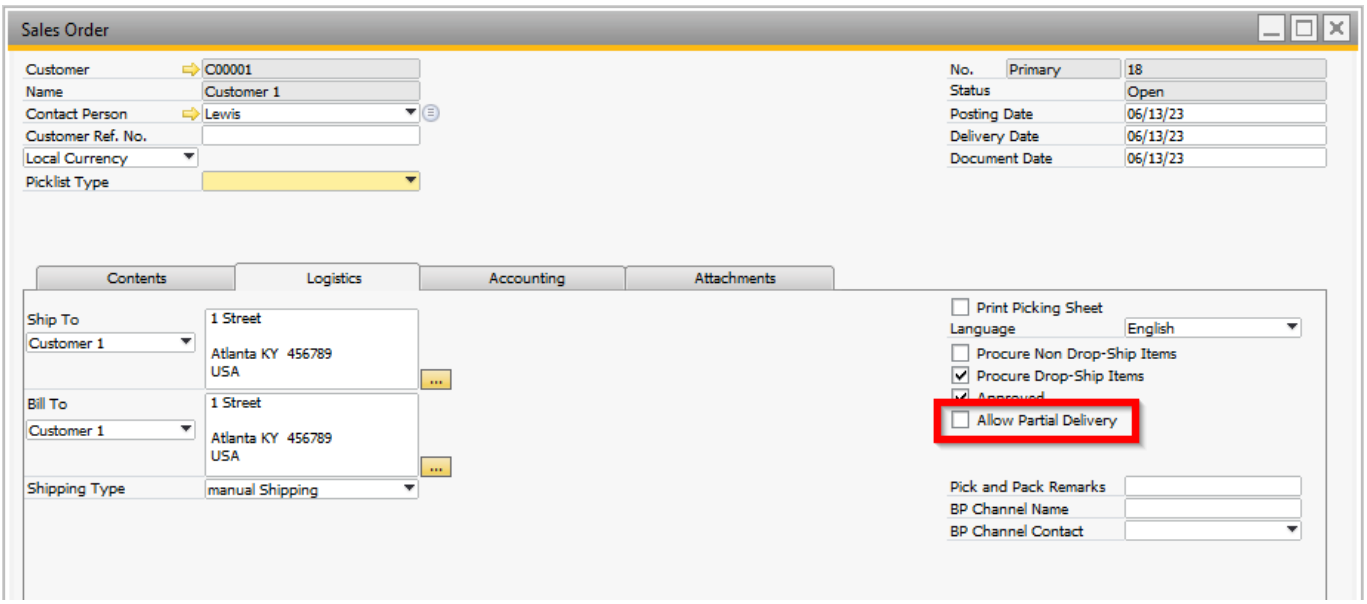
(In plain terms, as with a family tree, e.g. 'siblings', 'nephews' or 'nieces' are defined as part of the same branch with the same or lower level, while 'cousins' and their descendants are not, as they are part of a different branch, despite being the same or lower level.)

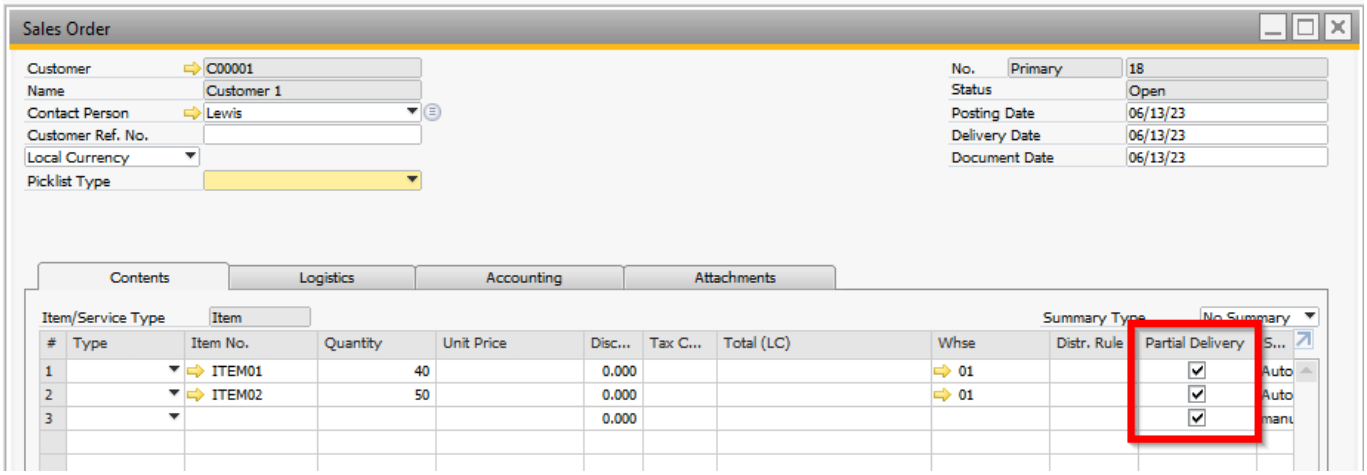
Example:

- If the dock on the picklist proposal is the **MainDock**, then stock from bin locations **SubBin01**, **SubBin02** and **SubBin03** are available for allocation as the main dock is under the warehouse and the listed bins are located in zones that are under the warehouse.
- If the dock on the picklist proposal is the **SubDock01**, only the stock from bin locations **SubBin01** and **SubBin03** are available for allocation as **SubBin01** is in the same zone as the dock and **SubBin03 is** in a zone that is under the zone of the dock.
- If the dock on the picklist proposal is the **SubDock02**, only the stock from bin location **SubBin02** is available for allocation as **SubBin02** is in the same zone as the dock.

This setting affects ONLY the creation of the picklist, i.e. if there is stock available to pick in the warehouse, the picklist proposal will be created. If only part of the available stock matches the criteria

in the setting, then a partial picklist will be created, regardless of the SAP B1 “Allow partial delivery” setting. This is a limitation.





Time to show ‘item is picked’ message?
The number of seconds the ‘item is picked’ message is shown on the scanner:
Possible values:

- Negative values: The message is not shown.
- Value 0: The message will remain visible until the user clicks the ‘OK’ button
- Positive values: The message will remain visible for the entered number of seconds.

Create replenishment orders after picking? (Y/N)
If enabled, a replenishment order is generated after the picking is completed for the source location, if the following conditions are met:

- The location can be replenished
- There is a minimum quantity set for a picked item
- The stock for item on the location reaches the minimum quantity

The replenishment after picking is supported in the following flows:

- Picking
- Zone picking

- Multi picking
- Ad hoc picking

For the item based replenishment generator, system will try to create replenishment orders for all locations. The default replenishment generator will only try to create replenishment orders for the locations where goods were picked from.

JOIN-sql for custom wave description for scanner
If the 'Custom wave description fields for scanner' option contains fields that are not used in the default query, the user needs to define the JOIN query here.

> **Note:** If the **'Select wave – View name'** parameter is populated, this setting is disregarded.
>
> **Exception:** The **'Select wave – View name'** setting has **no effect during the Ad-Hoc picking flow**, regardless of configuration.

This option cannot be used for pick list for production.

Example for JOIN-sql:

```
join "OITM" on "OITM"."ItemCode" = "PMX_PLPL"."ItemCode"
```

Custom wave description fields for scanner
Here the user has the possibility to enter a custom wave description that will be shown on the scanner. This text will be added to the select statement to select the waves on the Picking flow. If the fields in the description are not on tables used by the default query, the option 'JOIN-sql for custom wave description for scanner' need to have the correct join to the table.

> **Note:** If the **'Select wave – View name'** parameter is populated, this setting is disregarded. To show a custom wave description when using a view, add the optional field **'CustomDescr'** to the view query instead, see **'Select wave – View name'** below.
>
> **Exception:** The **'Select wave – View name'** setting has **no effect during the Ad-Hoc picking flow**,regardless of configuration.

The standard available tables are:

- ORDR
- OUSR (*Picking, Multi-picking, Zone picking only*)
- PMX_OSEL
- PMX_OSWA
- PMX_PLHE
- PMX_PLLI (*Picking, Multi-picking, Zone picking only*)
- PMX_PLPL
- PMX_WAVE (*Picking, Multi-picking, Zone picking only*)
- PMX_WALO (*Zone picking only*)

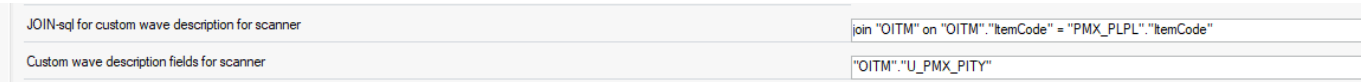
Make sure the selected fields are casted to nvarchar if required. To add the PMX_PLHE.PickPackRemarks field for example, fill this in the input box :

```
CAST("PMX_PLHE"."PickPackRemarks" as nvarchar (2000))
```

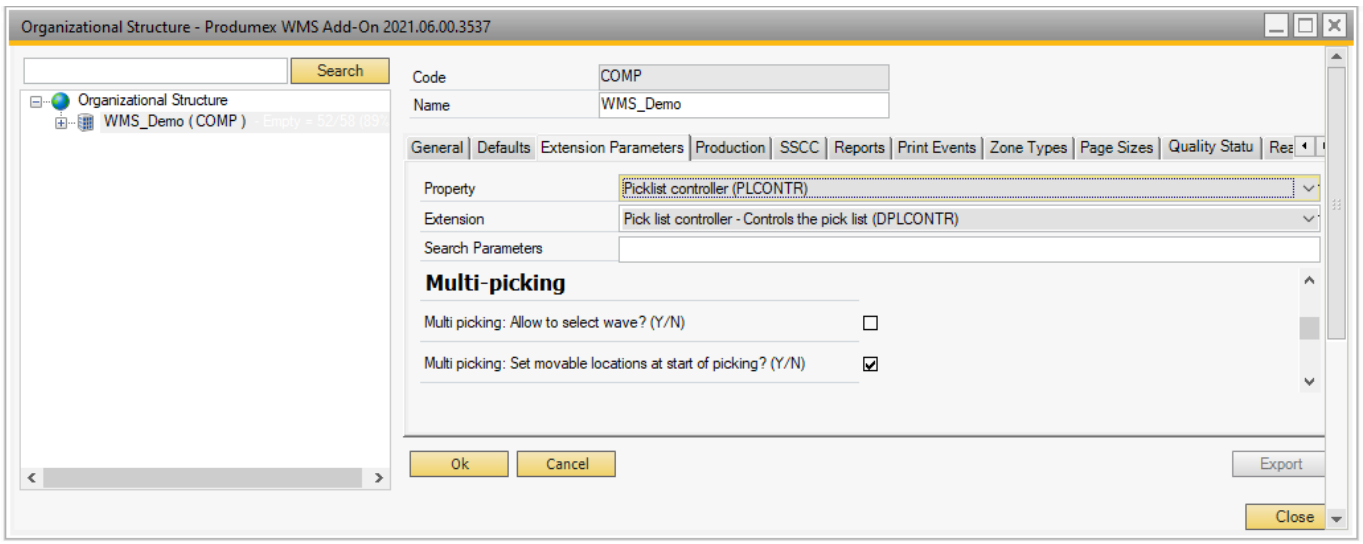
This option cannot be used for pick list for production.
This setting is not applicable for the Box Pick and Pack and Zone Box Pick and Pack flows.

Example for Custom wave description fields for scanner:

```
"OITM"."U_PMX_PITY"
```



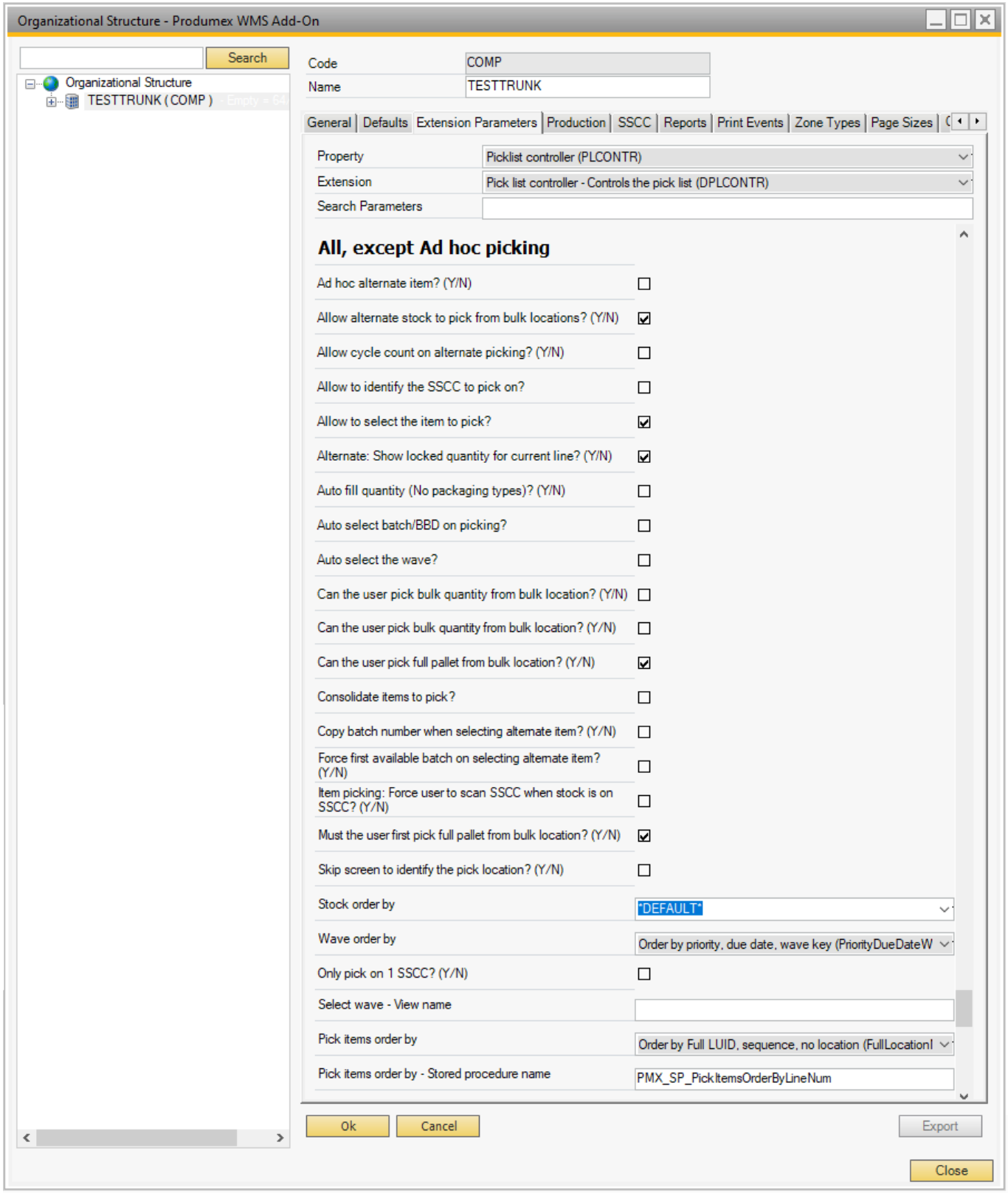
Multi-Picking



Multi picking: Allow to select wave? (Y/N)
When the setting is enabled, during Multi-Picking the user can select the wave instead of scanning a picklist.

Multi picking: Set movable location at start of picking? (Y/N)
When the setting is enabled, during Multi-Picking all the movable locations need to be assigned to a picklist before starting to perform the picking.
If the setting is disabled, the movable location is asked when the first item of a certain picklist is picked.

All, except Ad Hoc Picking



Ad hoc alternate item? (Y/N)

- If this is set to false, the system will show a list of alternate items to choose from.
- If this is set to true, the system will allow the user to enter any data when performing alternate picking, and the system will check if the entered data is allowed.

If **Ad hoc alternate item? (Y/N)** set true, then the **Copy batch number when**

selecting alternate item? (Y/N) and **Force first available batch on selecting alternate item? (Y/N)** settings are not taken into account.

Allow alternate stock to pick from bulk locations? (Y/N)
By default, the setting is enabled and it makes it possible to pick alternate stock from bulk locations on the Mobile Client.

Allow cycle count on alternate picking? (Y/N)
If this option is enabled, the user has the possibility to perform a cycle count on the original pick location in case of alternate picking form a different location.

Allow to identify the SSCC to pick on?
If set to true, the system will allow the user to scan an SSCC number he wants to use to put the picked stock on.

Allow to select the item to pick?
Enables the option to select an item to pick instead of letting the system choose the first item.

Alternate: Show locked quantity for current line? (Y/N)
When this is checked, the system will also show the item that was locked for the current pick list line in the list of alternate items.

Auto fill quantity (No packaging types)? (Y/N)
If set to true, the quantity to pick will be automatically entered.
If set to false, the quantity to pick will be zero. And in case a barcode was scanned in the item identification screen, the quantity will be 1, because there was already an item scanned.
This is for items without packaging types.

Auto select batch/BBD on picking?
Enables the option to automatically select a Batch/BBD.

Auto select the wave?

- If this setting is enabled, then the system only displays the first wave on the **Select Wave** screen. The sorting is based on the **Wave Order** by setting. The status of pick lists in the wave is automatically set to “Ready” upon loading, before the user proceeds with the wave.
- If this setting is disabled, all available waves are listed on the screen.

Note: This setting does not apply in the Multi-Picking flow if the Multi-Picking: **Allow to select the wave?** setting is disabled. This setting does not apply in the Box Pick and Pack, in the Zone Box Pick and Pack, and in the Prepare Carts flows.

Can the user pick bulk quantity from bulk location? (Y/N)
If enabled, the user can pick the bulk quantity defined on the item's Item Master Data directly from bulk locations. This setting only takes effect if “Must the user first pick full pallet from bulk location?” is also enabled, if the previously mentioned setting is disabled, this setting has no effect, regardless of its own Y/N value.

Note: This setting's effect depends on the **“Stock Order By”** setting being set to **DEFAULT**.

> **More information at:**
>
> - Pick list
> - Bulk Pick Quantity is configured per item on Item Master Data

Can the user pick full pallet from bulk location? (Y/N)
Normally, bulk locations are not considered when allocating stock to a pick list. Enabling this flag makes it possible for the operator to pick a full monolot pallet from a bulk location, as long as the stock at that location matches the best-before-date and batch-number criteria of the pick list line.

When this setting is enabled (and **“Must the user first pick full pallet from bulk location?”** is not), allocation happens in this order: the system first allocates from regular pick locations, and only if open quantity remains does it allocate a full pallet from a bulk location to cover the remainder.

> **Note:** This setting's effect depends on the **“Stock Order By”** setting being set to **DEFAULT.**

> **More information at:**
>
> - Pick list
> - Bulk Pick Quantity is configured per item on Item Master Data

Consolidate items to pick?
If the setting is enabled, items that have the same batch number/BBD/Quality status/Location/... are picked in one action instead of a pick action by picklist line.

- The setting applies to the Picking flow, the Multi-Picking flow and the Zone-Picking flow.

In order to consolidate, items must have the same Unit of Measurement (UoM) and item description on the Sales Order. Picklist lines with different UoMs or linked to Sales Order lines with different item descriptions will not be consolidated.

When this setting is enabled, it is possible to pick full pallets. However, full pallets will only be allocated based on Sales Order lines. The system will not allocate a full pallet for the consolidated quantity. This means that if the logistic unit to pick from is different, the lines will not be consolidated.

> **Example:**
>
> **1 Picklist line for 5 pieces of ITEM01 + 1 Picklist line for 3 pieces of ITEM01.**
>
> **Stock:** 5 pieces on **LU01** and 8 pieces on **LU02**, both full pallets.
>
> The system will not allocate **LU02** as a full pallet. Instead, it allocates **LU01** as a full pallet for the Picklist line with 5 pieces and allocates **LU02** for the other line with 3 pieces, but NOT as a full

pallet.

EXCEPTION: If multiple sub-SSCCs (Serial Shipping Container Codes) are allocated under the same master SSCC for a Sales Order line, the line will be consolidated on the Items to Pick screen. Instead of displaying the sub-SSCCs, the master SSCC will be shown as the full pallet.



Copy batch number when selecting alternate item? (Y/N)
This setting ensures that users can only select stock from the batch specified in the Picklist. The Alternate Stock feature will only show stock from the same batch as listed in the Picklist.

Remark: If on the base document line a batch number is set, the batch will be copied when selecting alternate items.

> **Copy batch number when selecting alternate item? (Y/N)** vs **Force first available batch on selecting alternate item? (Y/N)**
>
> If the first available batch is not the same as the batch on the Picklist, then the batch on the Picklist will be forced, so the **Copy batch number when selecting alternate item** setting is enforced and the **Force first available batch on selecting alternate item setting** setting is not taken into account.

Force first available batch on selecting alternate item? (Y/N)
This setting refers to the process of selecting alternate stock on the fat client during a picking flow and it is based on FEFO (first expired, first out).

- If it is set to true, you can select an item only from the batch with the earliest expiry date that is according to the shelf-life.
  This option cannot be used in combination with *Ad hoc alternate item? (Y/N)*.
- If that setting is enabled, the *Force first available batch on selecting alternate item? (Y/N)* setting is ignored.

Item picking: Force user to scan SSCC when stock is on SSCC? (Y/N)
When this setting is enabled, the user will have to scan the SSCC if the stock he is picking is on an SSCC.
This setting refers to 'Item picking' and not full pallet picking.
It will show an additional screen to scan the SSCC before proceeding to selection of batch, or entering the quantity. *Note: This setting does not apply to the Box Pick and Pack and the Zone Box Pick and Pack flows.*

Must the user first pick full pallet from bulk location? (Y/N)
Normally, bulk locations are not considered when allocating stock to a pick list. However, this flag makes it possible for full monolot pallets at bulk locations (containing items that match the best before date and batchnumber) to be picked by the operator. This setting works on its own, it does not require **“Can the user pick full pallet from bulk location?”** to be enabled.

Note: When enabled, this setting affects the sorting/priority of stock allocation if the **“Stock Order By”** setting is **DEFAULT**; full pallets from bulk locations are allocated first, before regular pick locations are used.

Note: If **“Must the user first pick full pallet from bulk location?”** and **“Can the user pick bulk quantity from bulk location?”** are both enabled, the bulk-quantity setting takes effect and works alongside this one, **“Can the user pick bulk quantity from bulk location?”** has no effect unless this setting is also enabled.

More information at:

- Pick list
- Bulk Pick Quantity is configured per item on Item Master Data

Skip screen to identify the pick location? (Y/N)
When this is enabled, the user does not need to identify the pick location.
Users can immediately identify the item to pick. *(The pick location is visible in that screen)*

Stock order by
Custom 'ORDER BY' clause for when the pick list is allocating stock to the pick list line.
This is not applicable for ad hoc picking
It adds the value to the ORDER BY clause of the query to get the stock. The text 'ORDER BY' does not need to be added to the value.
Any text can be entered here, however there are 2 predefined options:

- *DEFAULT*
  - This option will use the sorting as it is currently in the system
- *BIGGEST PALLET FIRST*
  - The pallet with the biggest quantity will be assigned first.
  - If there are 2 pallets with the same quantity, the oldest LUID will be taken first. \\When stock is not on an SSCC, the quantity not on an SSCC is still regarded as if it would be on an SSCC, and it will be used first in case of equal quantity.
- “Quantity”, “IsPickLoc” DESC, “LogUnitIdentKey_IsNull” DESC, “LogUnitIdentKey”, “InternalKey”
  - This option will take lowest quantity, pick location, no LUID, LUID

For more information please see: 1.2. Stock order by.

Wave order by
Sorting of waves on the picking flows
Options:

- Order by Priority, due date, wave key
- Order by due date, priority, wave key

The sorting also considers whether the wave is locked to a user. Locked waves are always prioritized.

The “Order by” is the following in the query:

```
ORDER BY "PMX_WAVE"."LockedBy" DESC, "PMX_WAVE"."Priority",
"PMX_WAVE"."DueDate", "PMX_WAVE"."InternalKey"

ORDER BY "PMX_WAVE"."LockedBy" DESC, "PMX_WAVE"."DueDate",
"PMX_WAVE"."Priority", "PMX_WAVE"."InternalKey"
```

Note: For wave order priority make sure to use the 'Order by Priority, due date, wave key' settings and the priority needs to be set at picklist proposal and picklist level as well for the correct order.

Only pick on 1 SSCC? (Y/N)
If enabled, the system will auto select an SSCC when there was already an SSCC created for the wave. This is useful for when users need to go out of the picking flow, and continue at a later time.

Select wave – View name
It is possible to define a customized view which filters the list of waves to be displayed on your scanner when you have the option of selecting a wave.
It is optional to provide a view name to the field . If you do not need a customized view, you can leave the field empty and the system will use its own query.

Mandatory fields:

- InternalKey
- InternalKeyAsString
- DueDate
- Description
- Priority
- SameDelivery
- PmxWhsCode
- ItemLabelsPrinted
- LockedBy
- USER_CODE
- U_UseForPicking
- U_UseForMultiPicking

Optional field:

- CustomDescr - Corresponds to the **'Custom wave description fields for scanner'** parameter. Include this field in the view query to have a custom wave description shown on the scanner when a **'Select wave – View name'** is used.

Example view query:

```
SELECT "PMX_WAVE"."InternalKey" AS "InternalKey",
CAST("PMX_WAVE"."InternalKey" AS NVARCHAR) AS "InternalKeyAsString"
    , "PMX_WAVE"."DueDate" AS "DueDate", "PMX_WAVE"."Description" AS
"Description", "PMX_WAVE"."Priority"
    , "PMX_WAVE"."SameDelivery", "PMX_OSEL"."PmxWhsCode",
"PMX_WAVE"."ItemLabelsPrinted"
    , "PMX_WAVE"."LockedBy", "OUSR"."USER_CODE", MAX("U_UseForPicking") AS
"U_UseForPicking"
```

```
   , MAX("U_UseForMultiPicking") AS "U_UseForMultiPicking"
   , CAST("PMX_PLHE"."DocEntry" AS NVARCHAR) + ' : ' + "@PMX_PLTY"."Name" AS
"CustomDescr"
 FROM "PMX_WAVE"  WITH (NOLOCK)
 INNER JOIN "PMX_PLHE"  WITH (NOLOCK) ON "PMX_WAVE"."InternalKey" =
"PMX_PLHE"."WaveKey"
 INNER JOIN "PMX_OSEL"  WITH (NOLOCK) ON "PMX_OSEL"."Code" =
"PMX_PLHE"."DestStorLocCode"
 LEFT JOIN "@PMX_PLTY"  WITH (NOLOCK) ON "PMX_PLHE"."PickListType" =
"@PMX_PLTY"."Code"
 LEFT JOIN "OUSR"  WITH (NOLOCK) ON "PMX_WAVE"."LockedBy" =
"OUSR"."INTERNAL_K"
 LEFT JOIN (  "PMX_PLLI"  WITH (NOLOCK)
    INNER JOIN "PMX_PLPL" WITH (NOLOCK) ON "PMX_PLPL"."DocEntry" =
"PMX_PLLI"."BaseEntry" AND "PMX_PLPL"."LineNum" = "PMX_PLLI"."BaseLine" AND
"PMX_PLLI"."BaseType" = N'PMX_PLPH'
    LEFT JOIN "PMX_OSWA" WITH (NOLOCK) ON "PMX_OSWA"."Code" =
"PMX_PLLI"."StorLocCode"
 ) ON "PMX_PLLI"."DocEntry" = "PMX_PLHE"."DocEntry" AND "PMX_OSWA"."Code" IS
NULL
  AND "PMX_PLLI"."PickListLineStatus" IN ('N','R')

 WHERE "PMX_WAVE"."InternalKey"
       IN  ( SELECT DISTINCT "PMX_PLHE"."WaveKey" FROM "PMX_PLHE" WITH
(NOLOCK) WHERE "PickListStatus" IN ('N' , 'R' , 'A' , 'I' ))
   AND "IsCustomerCollect" = N'N' AND "PMX_PLLI"."InvLockLevel" <> 'N'
   AND "PMX_PLHE"."PickObjType" IN (N'Sales', N'WhsTransfer')

 GROUP BY "PMX_WAVE"."LockedBy", "PMX_WAVE"."Priority",
"PMX_WAVE"."DueDate", "PMX_WAVE"."InternalKey", "PMX_WAVE"."Description"
   , "PMX_WAVE"."SameDelivery", "PMX_WAVE"."ItemLabelsPrinted",
"PMX_OSEL"."PmxWhsCode", "OUSR"."USER_CODE"
   , "PMX_PLHE"."DocEntry", "@PMX_PLTY"."Name"
```

Pick items order by

You can define how the items to pick are sorted on the scanner. Options:

- Order by Full LUID, sequence, no location: First full pallet, then the sequence of the location, then all lines without a location.
- Order by Full LUID, picked item, location code: First full pallets, then picked items, then location code. This means that when ItemA and ItemB needs to be item-picked on several locations, the system will first pick all quantities of ItemA, regardless of where it is stored. *(Full pallets are still picked first)*
- Order by Sequence, Location code, Full LUID, : First Sequence of the location, then the code of the location, then full pallets.
- Order by Custom stored procedure: The sorting is based on a custom SP.

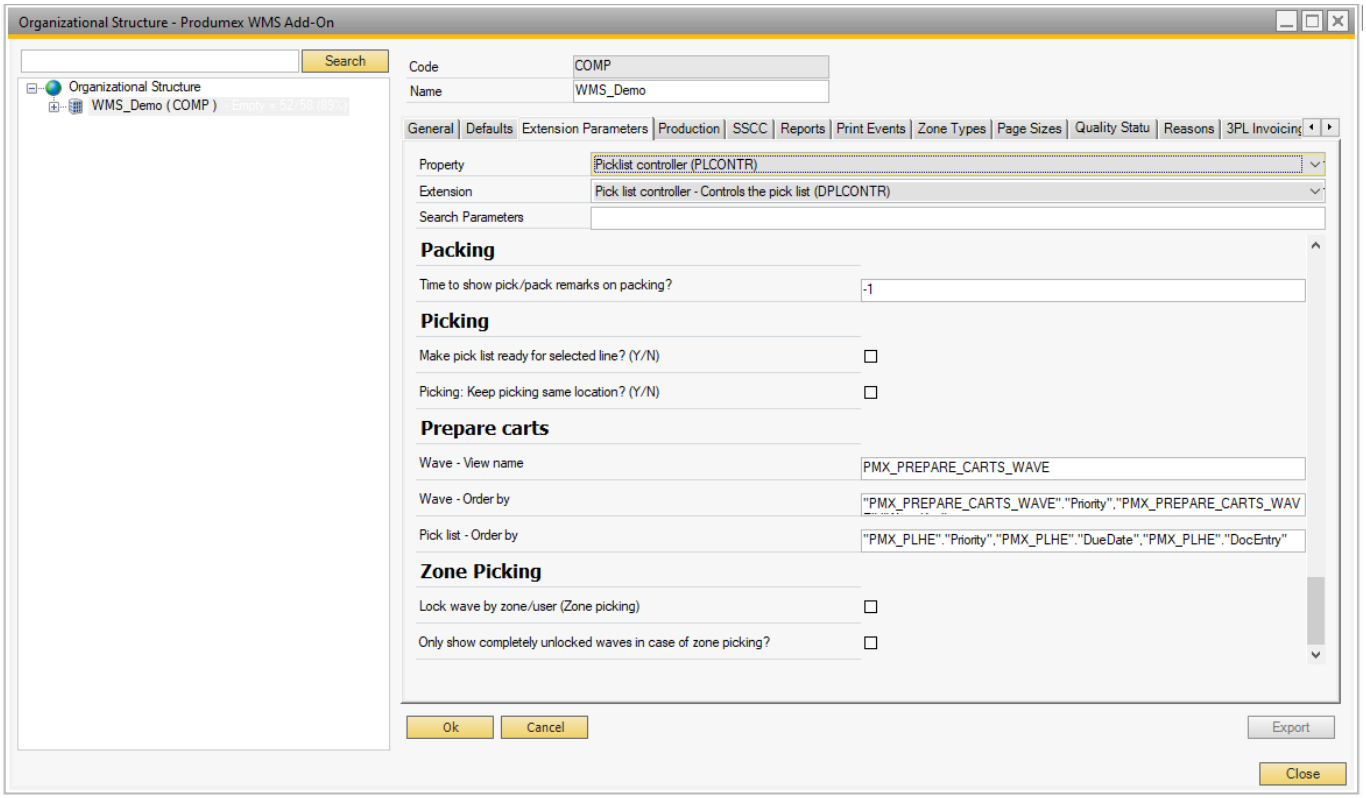
It uses the SP defined in the setting below.

Note: Consolidation does not allow picking full pallet.

Pick items order by - Stored procedure name
The name of the stored procedure that is used for the custom order by.
Used for the picking and zone picking flow.
The input of this stored procedure is the wave key. *SQL: @waveKey, HANA: p_waveKey*
If this SP does not return all line numbers to pick, the system will still add those lines to be picked, but in the order:

- Order by Full LUID, sequence, no location.

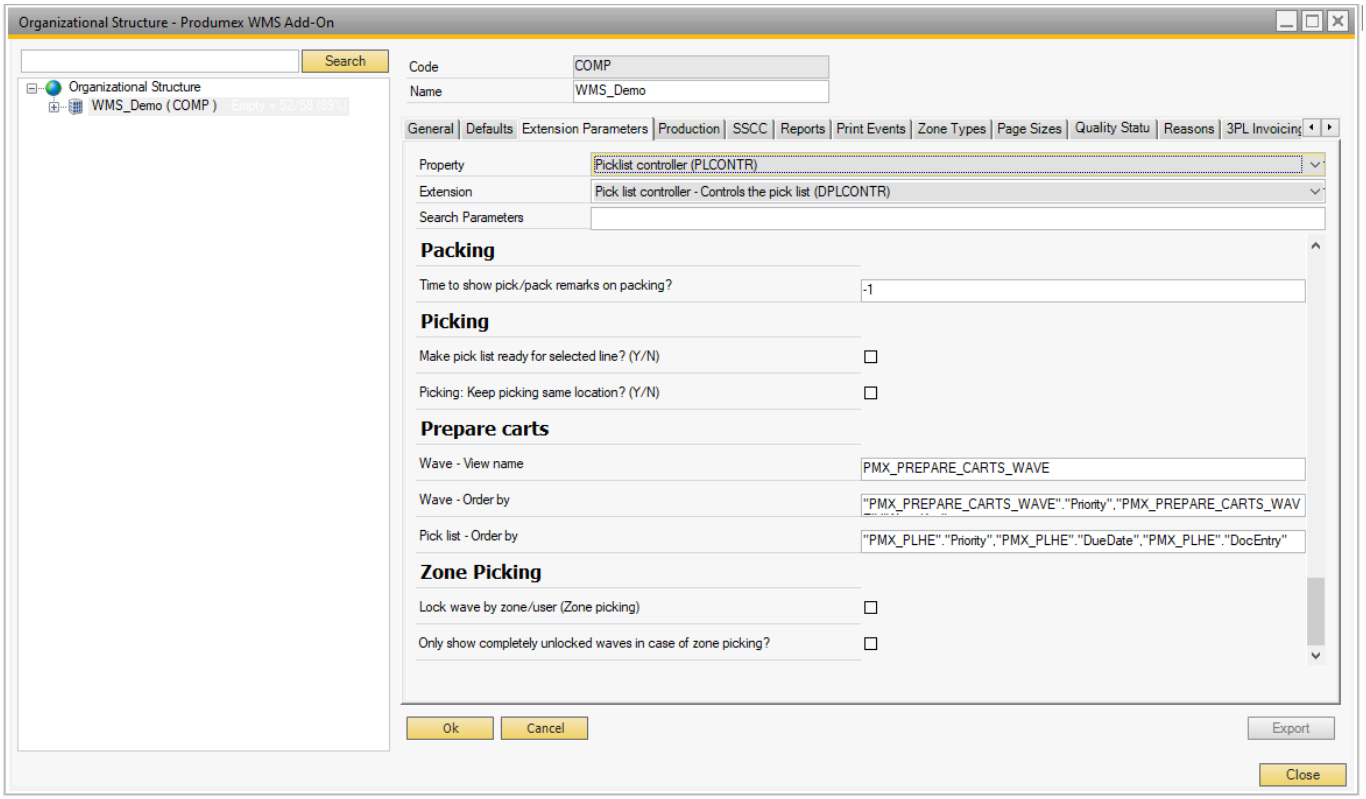
Packing



Time to show pick/pack remarks on packing?
The number of seconds the pick/pack remarks are shown in a popup window in the packaging client:
Possible values:

- Negative values: The message is not shown.
- Value 0: The message will remain visible until the user clicks the ‘OK’ button
- Positive values: The message will remain visible for the entered number of seconds.

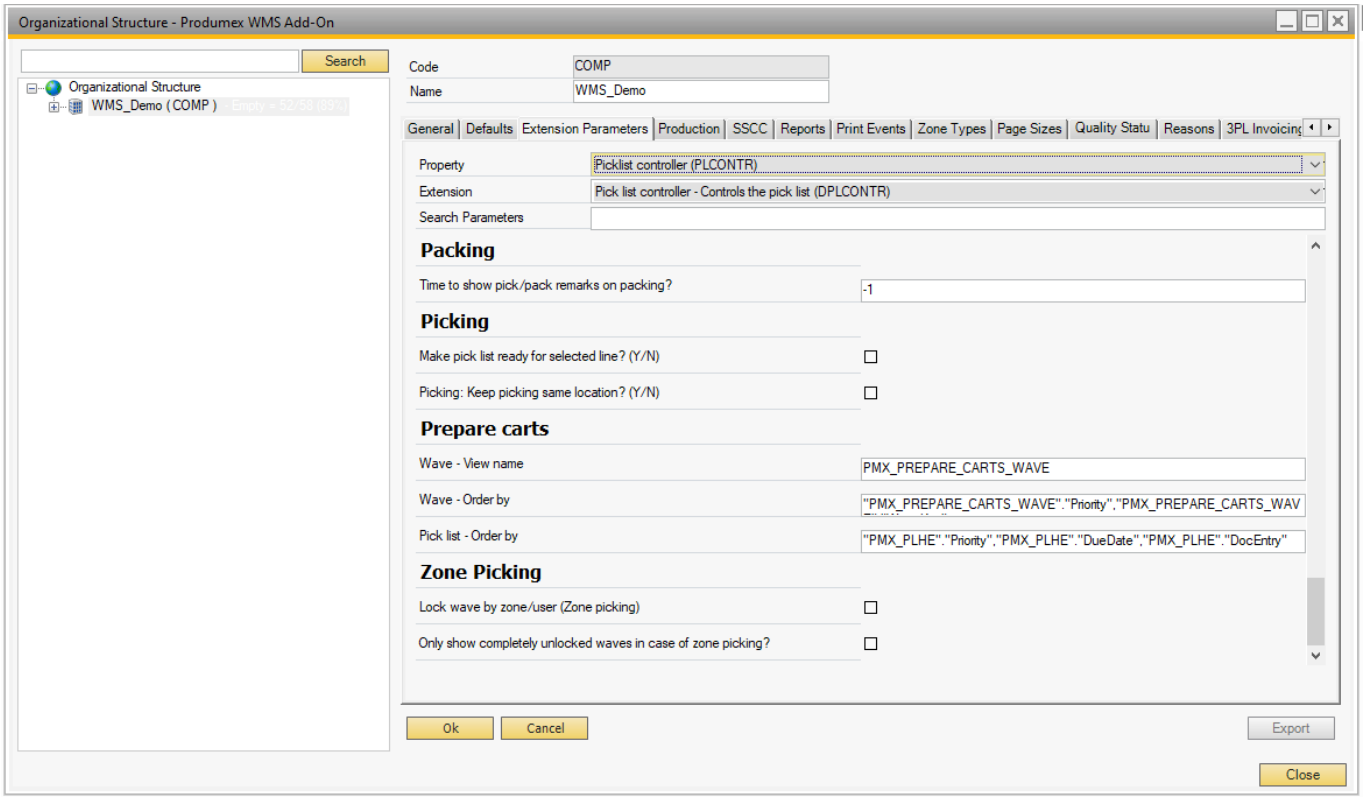
Picking



Make pick list ready for selected line? (Y/N)
If enabled, the status of the pick list lines remain ‘Not Ready’ and the system does not allocate stock to them up until the user selects the item on the scanner. This setting is used only in the Picking flow.

Keep picking same location (Y/N)
When this is set to true, the system will not ask the user to identify the pick location again when the next item to pick is in the same location.

Prepare Carts



Wave – View name

This view defines the waves to be displayed on the screen of the fat client.
The default view is PMX_PREPARE_CARTS_WAVE. It lists all the waves which involves a pick list type that can be used for multi-picking and to which no movable location has been assigned yet.

Mandatory fields to be provided:
1.WaveKey
2.Priority
3.WaveDescription

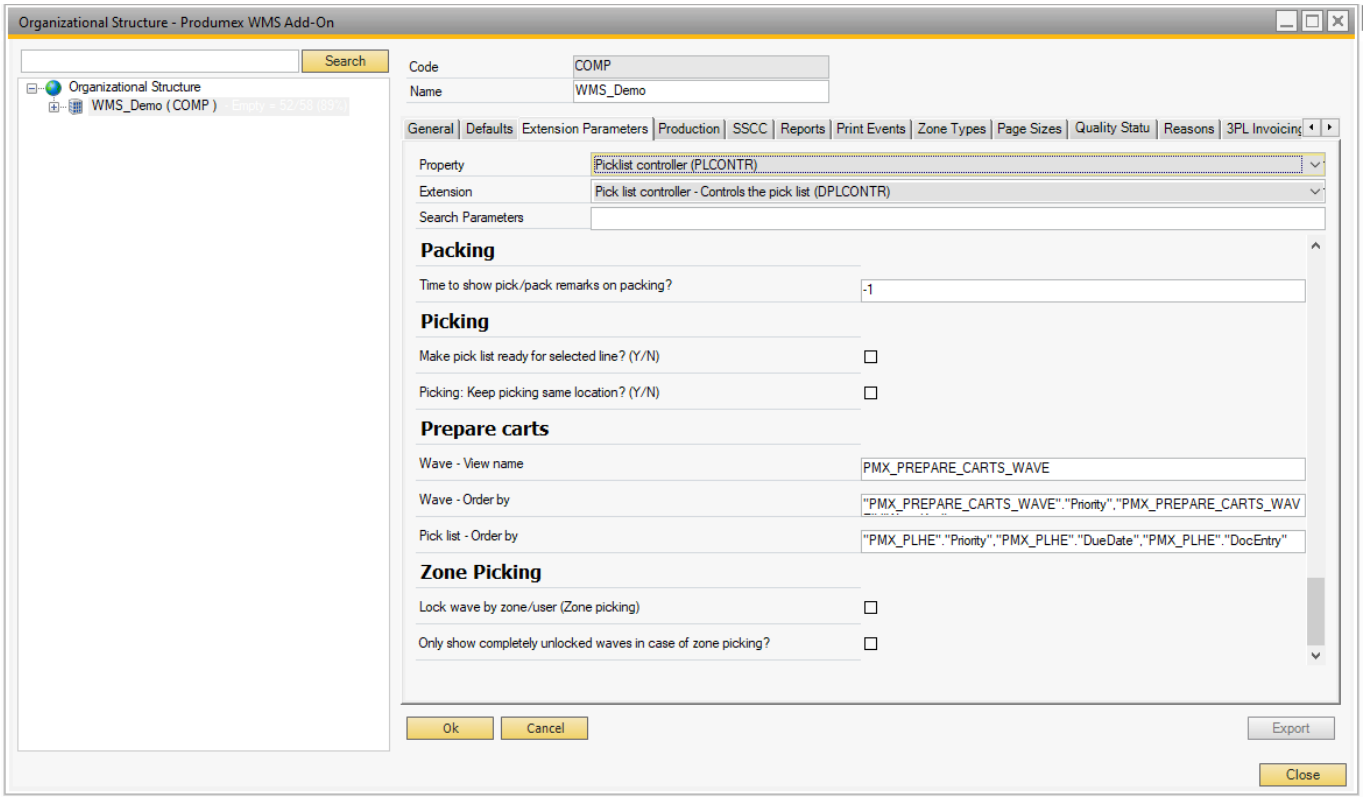
Wave – Order by

This setting defines the order by which the waves are displayed on the screen of the fat client.

Pick list – Order by

This setting defines the order by which the pick lists are displayed on the screen of the fat client.

Zone Picking



Lock wave by zone/user (Zone picking)
If the setting is enabled, the system locks all items to pick on the zone for the current user instead of only locking the item/zone he is picking from.
This is used in the Zone Picking flow.

Only show completely unlocked waves in case of zone picking?
If the setting is enabled, the user can only see those waves in the Zone Picking flow that have no locking for the user.

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