

SHORTAGE

User guidance

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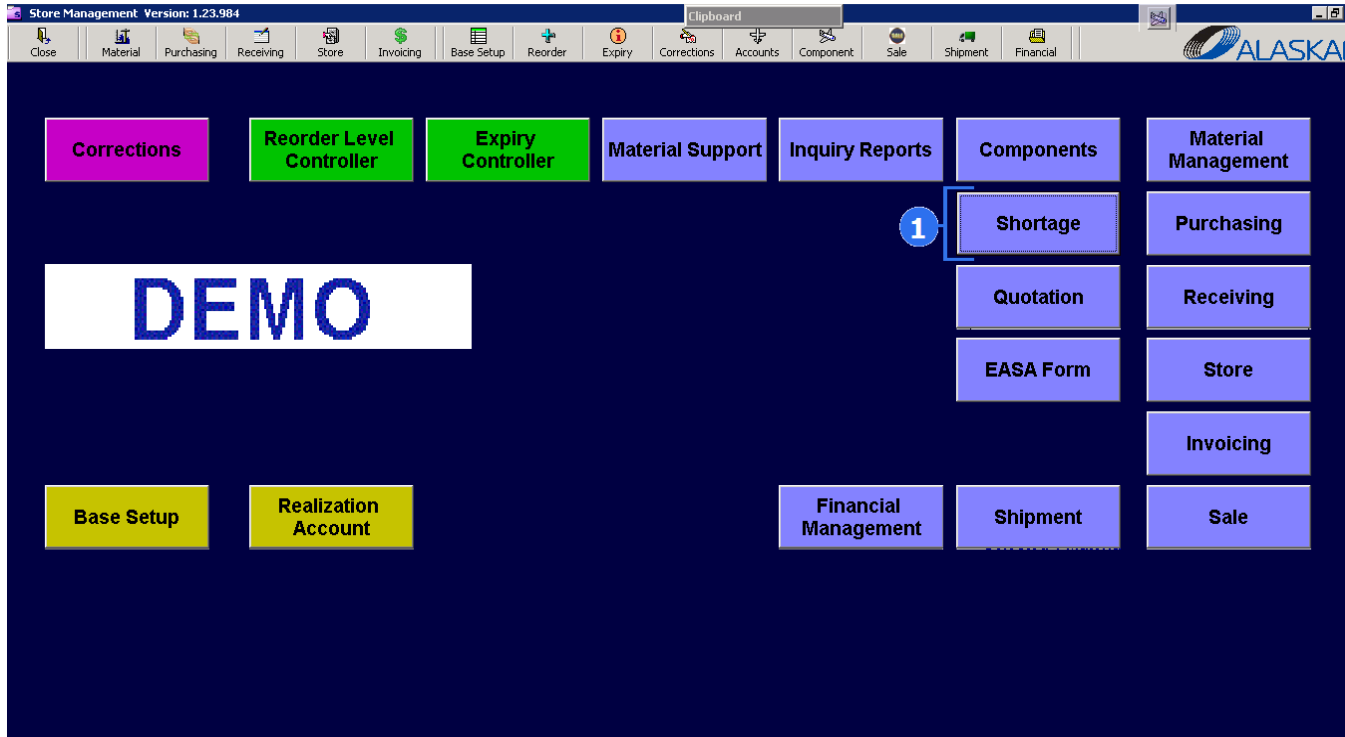
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1. General



“SHORTAGE” sub-module collects all part order requests (POR), that were made in other modules, such as Part M, Line Maintenance, Base Maintenance, also from Work Shop.

1. To begin to operate this sub – module click on the “Shortage” button.

2. Shortage Materials, Transfer to Quotation, Transfer to Purchaser Order.

1. On the “Shortage Materials” screen use different filters to find any created POR quickly:

- Filter P/N – filter for Part Number
- Filter NO – filter for Shortage Number
- Reference – filter for Shortage Reference
- Group – filter for User Group
- Subject – filter for Shortage Reference Subject
- Ship To – filter for User Group
- Used – filter for Shortage Used For
- Num – filter for Shortage Used For Number

2. All PORs in the “Material List” is divided in colours:

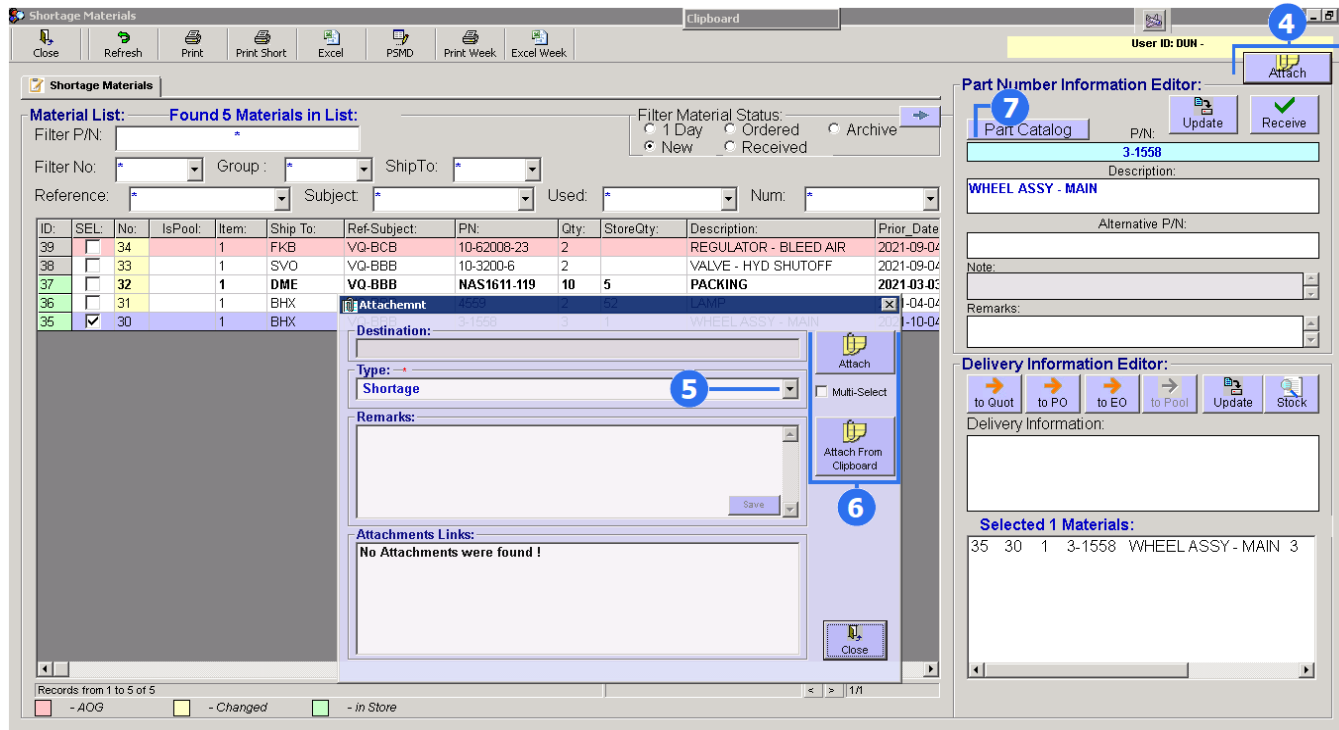
- Green – component is in store
- Red – AOG status
- Yellow – there was change of component quantity in orders.

3. Select and check box a line.

Material List: Found 6 Materials in List:

ID	SEL	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description	Prior Date
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR	2021-09-04
38	<input type="checkbox"/>	33		1	SVO	VQ-BBB	10-3200-6	2		VALVE - HYD SHUTOFF	2021-09-04
37	<input type="checkbox"/>	32		1	QSE	VQ-BBB	NAS1611-119	10	5	PACKING	2021-03-03
36	<input type="checkbox"/>	31		1	QSE	VQ-BBB	4559	2	52	LAMP	2021-04-04
35	<input type="checkbox"/>	30		1	BHX	VQ-BBB	3-1558	3	1	WHEEL ASSY - MAIN	2021-10-04
29	<input checked="" type="checkbox"/>	24		1	DME	VQ-BBB	4559-Q	1		LAMP	2020-09-30

Selected 1 Materials:
29 24 1 4559-Q LAMP 1 EACH CON



4. Press “Attach” to attach any documents.
5. Select type of document.
6. Press “Attach” button and find a document in your computer. Check box “Multi-Select” field to attach few documents. Press “Attach From Clipboard” to paste a document from clipboard.
7. If the component is not registered in the “Material Management” submodule in the “Spare Parts” tab, press “Part Catalog” button in the “Part Number Information Editor” and fill out all necessary component information. See “Material Management” manual.

The screenshot shows the 'Shortage Materials' application window. At the top, there are menu options like 'Close', 'Refresh', 'Print', etc. Below that is a 'Material List' section with filters and a table of materials. A 'Part Number Information Editor' is open on the right, showing details for part number 3-1558. A 'Delivery Information Editor' is also visible below it. A 'Done' dialog box is overlaid on the main window, asking if the user wants to open the quotation window. Numbered callouts (8-11) point to specific UI elements: 8 points to the table, 8.1 to the 'Update' button, 8.2 to the 'Receive' button, 9 to the 'to Quot' button, 10 to the 'Done' dialog, and 11 to the 'to PO' button.

ID:	SEL:	No:	IsPool:	Item:	Ship To:	Ref-Subject:	PN:	Qty:	StoreQty:	Description:	Prior D
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR	2021-09-04
38	<input type="checkbox"/>	33		1	SVO	VQ-BBB	10-3200-6	2		VALVE - HYD SHUTOFF	2021-09-04
37	<input type="checkbox"/>	32		1	DME	VQ-BBB	NAS1611-119	10	5	PACKING	2021-03-03
36	<input type="checkbox"/>	31		1	BHX	VQ-BBB	4559	2	52	LAMP	2021-04-04
35	<input checked="" type="checkbox"/>	30		1	BHX	VQ-BBB	3-1558	3	1	WHEELASSY - MAIN	2021-10-04

8. In “Part Number Information Editor” you can change information, for example part number, or add additional data in the other fields such as “Alternate P/N”, “Note” and “Remarks”.

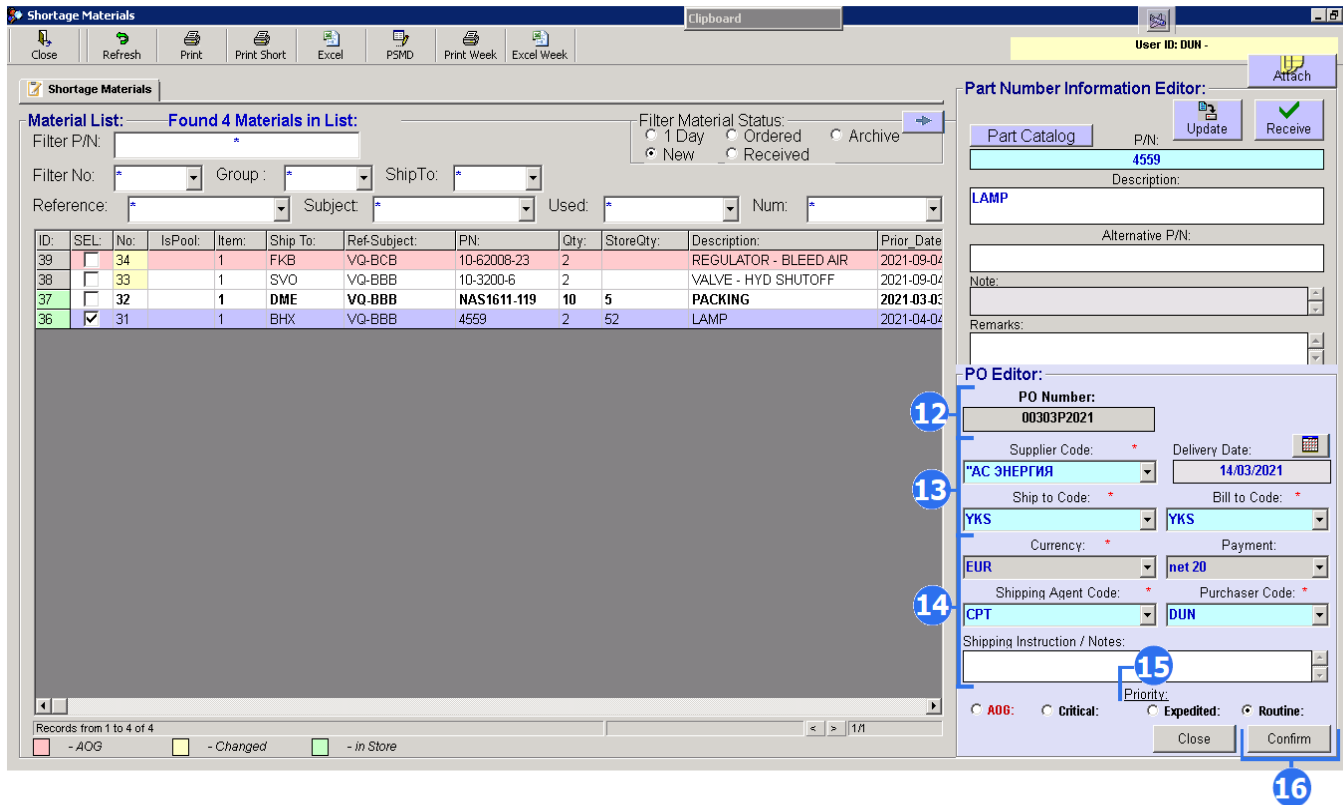
8.1. To save the data click on the “Update”,

8.2. If ordered component is in store (green line) press “Receive” button.

9. In “Delivery Information Editor” push on the “to Quotation” button.

10. “Done” screen will open. This means, that quotations were added successfully. “Yes” button allows you to transfer to “Quotation” module. “No” button closes the “Done” screen.

11. Click on the “to PO” to create purchase order here, in the “Shortage Materials” submodule.



12. PO Number will automatically appear.

13. Select Supplier code, Ship to Code and Bill to Code. Set Delivery date.

14. Choose Currency and Payment. Select from combo box Shipping Agent Code and Purchaser Code. Also, if it is necessary, enter any notes.

15. Tick priority such as:

- AOG
- Critical
- Expedited
- Routine

16. Press “Confirm” button to transfer selected item to Purchase Order.

After this action, the line will be absent in the “Material List”. This shortage will have the status “Ordered”.

The screenshot shows the 'Shortage Materials' application window. At the top, there is a menu bar with options like Close, Refresh, Print, Print Short, Excel, PSMO, Print Week, and Excel Week. Below the menu is a toolbar with icons for Attach and Update. The main area is divided into several sections:

- Material List:** A table with columns: ID, No, IsPool, Item, Ship To, Ref-Subject, PN, Qty, StoreQty, Description. It contains 6 rows of material data. Callout 17 points to the 'Filter Material Status' dropdown menu, which has options: 1 Day, Ordered (selected), Archive, New, and Received. Callout 18 points to the 'UNIT - ACCESSORY AIR CONDITIONING' row in the table.
- Store PN and Delivery Editor:** A form on the right side. Callout 19 points to the 'Update' button. Callout 20 points to the 'Delivery Information' section, which includes fields for PO (00303P2021), Delivery Date (14/03/2021), P/N (4559), and Description (LAMP).
- Store Receiving Information Editor:** A form below the previous one, with fields for Received QTY, Store Date (04/03/2021), Current User ID (DUN), and Stored By.

Below the main window, there are two smaller screenshots:

- Shortage Registration:** A window showing a table with columns: ID, No, IssueDate, IssueBy, Status-Qty, Reference, Ref-Subject, Use For, Use Number, Note, AOG, Prior Date, Ship To Code. Callout 19.1 points to the 'OrderNum' column in the table.
- Shortage Materials Item List:** A window showing a table with columns: ID, IssueDate, PN, PN_SUBST_1, PN_SUBST_2, Description, Qty, Note, UM, Type, Status, PN_Known, Min_Qty, Category, OrderNum. Callout 19.1 points to the 'OrderNum' column.

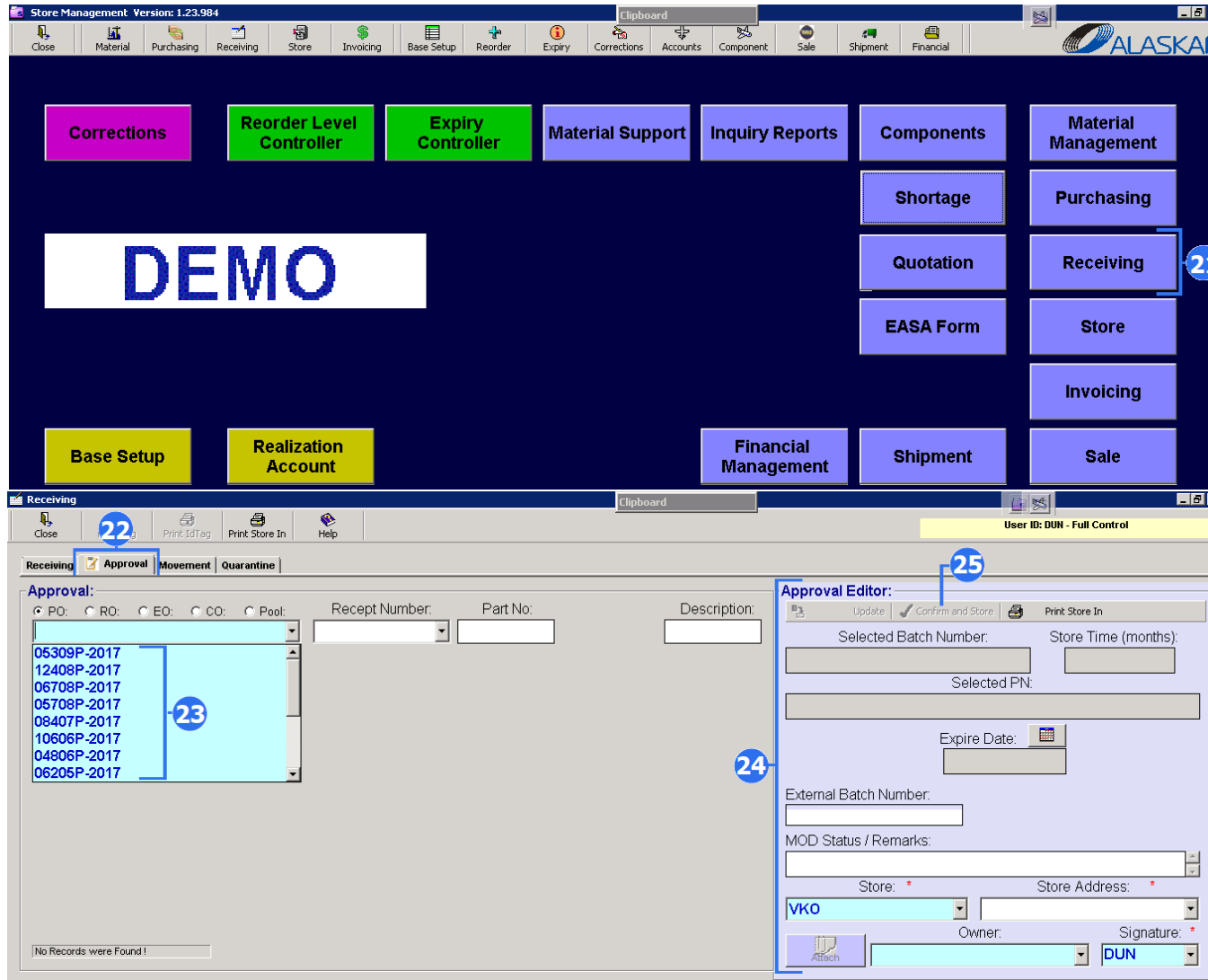
17. Use Filter Material Status. Check box “Ordered” field.

18. Look for your shortage from the whole list. Select and highlight it.

19. In the Store PN and Delivery Editor make any necessary changes. For example, change delivery date in the “Delivery Information” field.

19.1. After pressing “Update” you can monitor delivery date and PO number in the “Shortage Registration” (this submodule is in the Part M, Line Maintenance, Base Maintenance). Look at the “Shortage Materials Item List” and find “OrderNum” column.

20. Do not remember to press “Update” button to save changes.



21. This order, made for the created shortage, can be approved in the “Receiving” submodule. Press “Receiving” button on the initial screen of the “Stock” module.

22. Select “Approval” tab.

23. Check box “PO” field and choose from combo box necessary PO number.

24. In “Approval Editor” fill out all fields.

25. Push “Confirm and Store” button to approve the component.

Now, you can make sure that this shortage has passed to the “Received” status in the “Shortage” submodule of the “Stock” module.

The screenshot shows the 'Shortage Materials' application window. At the top, there is a menu bar with options like Close, Refresh, Print, Print Short, Excel, P5MD, Print Week, and Excel Week. Below the menu, the 'Shortage Materials' section displays a 'Material List' with 8 materials found. A 'Filter Material Status' dropdown is set to 'Received' (callout 26). The list includes items like VALVE - PRO...LER CONTROL, CCU, and LAMP. Item 28, 'WHEEL ASSY - NOSE', is highlighted in red (callout 27). To the right, the 'Store PN and Delivery Editor' shows delivery information for PO 00303P2021 with a delivery date of 15/03/2021 (callout 29). The P/N is 4559 and the description is 'LAMP' (callout 28). Below this is the 'Store Receiving Information Editor' with a 'Received QTY' of 2 (callout 30), 'Current User ID' of DUN, and a 'Store Date' of 05/03/2021. There are 'Delete' (callout 32) and 'Receive' (callout 31) buttons. A legend at the bottom indicates status colors: red for -AOG, yellow for - Changed, and green for - in Store.

ID	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description	Prior Date
42	37		1	BHX	VQ-BBB	3289562-2	1	1	VALVE - PRO...LER CONTROL	2021-10-09
41	36		1	VKO	VQ-BCB	100-0127-01	1	1	CCU	2021-03-04
40	35		1	VKO	VQ-BCB	100-0127-01	1	1	CCU	2021-03-04
36	31		1	BHX	VQ-BBB	4559	2	52	LAMP	2021-04-03
35	30		1	BHX	VQ-BBB	3-1558	3	1	WHEEL ASSY - MAIN	2021-10-04
33	28	Y	1	DME	VQ-BBB	3-1559	1	1	WHEEL ASSY - NOSE	2020-10-16
30	25		1	DME	VQ-BBB	10-62091-13	1	1	VALVE - TEMP CONTROL	2020-02-10
29	24		1	DME	VQ-BBB	4559-Q	1		LAMP	2020-09-30

26. For this you need to use “Filter Material Status”. Check box “Received”.

27. From the whole list select and highlight corresponding line.

28. In “Store PN and Delivery Editor” make a change if it is necessary.

29. Click on the “Update”.

30. “Store Receiving Information Editor” allows you to change data such as quantity, user ID and date.

31. Without fail press on the “Receive” button to save a change.

32. To remove a line, press “Delete”. The line will disappear. This means that this Shortage has moved from the “Received” status to “Ordered” status.

Material List: Found 3 Materials in List:

Filter P/N:

Filter Material Status: 1 Day Ordered Archive
 New Received

Filter No: Group: ShipTo: Order:

Reference: Subject: Used: Num:

ID:	No:	IsPool:	Item:	Ship To:	Ref Subject:	PN:	Qty:	StoreQty:	Description:
36	31		1	BHX	VQ-BBB	4559	2	52	LAMP
31	26		1	DME	VQ-BBB	65-52810-46	1		UNIT - ACCESSORY AIR CONDITIONING
25	18	Y	1	BHX	VQ-BBB	3-1559	1	1	WHEEL ASSY - NOSE

Records from 1 to 3 of 3
 - AOG - Changed - In Store

Store PN and Delivery Editor:

Delivery Information:
 PO 00303P2021 Delivery Date: 15/03/2021

P/N:
 4559

Description:
 LAMP

Alternative P/N:

Note:

Remarks:

PO Ordered P/N:
 4559

Store Receiving Information Editor:

Received QTY:

Current User ID:
 DUN

Store Date:
 09/03/2021

Store Time:

Stored By:

33. Check box “Ordered” field to see list ordered shortages.

34. Highlight your line.

35. In the “Store Receiving Information Editor” add or change data and click on the “Receive” button. After this action, the line will be absent in the “Material List”. This shortage will have the status “Received”.

36. To remove the line click on the “Delete”. The line will disappear. This means that this Shortage has moved from the “Ordered” status to “New” status.

3. Transfer to Exchange Order.

Material List: Found 4 Materials in List:

Filter P/N: *
Filter No: * Group: * ShipTo: *
Reference: * Subject: * Used: * Num: *

ID	SEL	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description	Prior Date
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR	2021-09-04
38	<input checked="" type="checkbox"/>	33		1	SVO	VQ-BBB	10-3200-6	2		VALVE - HYD SHUTOFF	2021-09-04
37	<input type="checkbox"/>	32		1	DME	VQ-BBB	NAS1611-119	10	5	PACKING	2021-03-04
36	<input type="checkbox"/>	31		1	BHX	VQ-BBB	4559	2	52	LAMP	2021-04-04

Part Number Information Editor:
Part Catalog: P/N: 10-3200-6
Description: VALVE - HYD SHUTOFF
Alternative P/N:
Note: 29-29-29-300
Remarks:

Delivery Information Editor:
to Quot. to PO. to EO. to Pool. Update. Stock
Delivery Information:
Selected 1 Materials:
38 33 1 10-3200-6 VALVE - HYD SHUTOFF

Records from 1 to 4 of 4
- AOG - Changed - In Store

1. Use “Filter Material Status”. Check box “New”.

2. Select and tick the line.

3. In the “Delivery Information Editor” click on the “to EO” to create exchange order here, in the “Shortage Materials” submodule.

Material List: Found 4 Materials in List:

ID	SEL	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description	Prior Date
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR	2021-09-04
38	<input checked="" type="checkbox"/>	33		1	SVO	VQ-BBB	10-3200-6	2		VALVE - HYD SHUTOFF	2021-09-04
37	<input type="checkbox"/>	32		1	DME	VQ-BBB	NAS1611-119	10	5	PACKING	2021-03-04
36	<input type="checkbox"/>	31		1	BHX	VQ-BBB	4559	2	52	LAMP	2021-04-04

Part Number Information Editor:

Part Catalog: 10-3200-6
Description: VALVE - HYD SHUTOFF
Alternative P/N:
Note: 29-29-29-300
Remarks:
Attach

EO Editor:

Start EO Number: 00103E2021 Qty: 1 of 2
Supplier Code: * AC ЭНЕРГИЯ Delivery Date: 19/03/2021
Ship to Code: * YKS Bill to Code: * YKS
Currency: * EUR Payment: * Net 10
Shipping Agent Code: * ACS Issued By: * DUN
Shipping Instruction / Notes:
Priority:
 AOG: Critical: Expedited: Routine:
Close Confirm

4. Select quantity. In this example there are two e.a. because in the “Material List” in the “Qty” column there are two e.a.

5. EO Number will automatically appear.

6. Select Supplier code, Ship to Code and Bill to Code. Set Delivery date.

7. Choose Currency and Payment. Select from combo box Shipping Agent Code and Issued By. Also, if it is necessary, enter any notes.

8. Tick priority such as:

- AOG
- Critical
- Expedited
- Routine

9. Press “Confirm” button to transfer selected item to Exchange Order.

Shortage Materials

Clipboard

User ID: DUN

Material List: Found 4 Materials in List.

Filter Material Status: 1 Day Ordered Archive New Received

ID	SEL	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description	Prior Date
43	<input type="checkbox"/>	33		1	SVO	VQ-BBB	10-3200-6	1		VALVE - HYD SHUTOFF	2021-09-02
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR	2021-09-02
37	<input type="checkbox"/>	32		1	DME	VQ-BBB	NAS1611-119	10	5	PACKING	2021-03-02
36	<input type="checkbox"/>	31		1	BHX	VQ-BBB	4559	2	52	LAMP	2021-04-02

SEE NOTE

Part Number Information Editor:

Part Catalog P/N: 10-3200-6

Description: VALVE - HYD SHUTOFF

Alternative P/N:

Note: 29-29-29-300

Remarks:

Delivery Information Editor:

to Quot to PO to EO to Pool Update Stock

Selected 0 Materials:

No Materials were Selected

Records from 1 to 4 of 4

- AOG - Changed - In Store

After this action, the line will be absent in the "Material List". This shortage will have the status "Ordered".

NOTE: Since in our example, out of two components, the exchange order was placed only for one component, one will remain in the "New" status and the other will change to the "Ordered" status.

Shortage Materials

Material List: Found 3 Materials in List:

Filter Material Status: 1 Day Ordered Archive

ID:	No:	IsPool:	Item:	Ship To:	Ref-Subject:	PN:	Qty:	StoreQty:	Description:
38	33		1	SVO	VQ-BBB	10-3200-6	1		VALVE - HYD SHUTOFF
31	26		1	DME	VQ-BBB	65-52810-46	1		UNIT - ACCESSORY AIR CONDITIONING
25	18	Y	1	BHX	VQ-BBB	3-1559	1		WHEEL ASSY - NOSE

Store PN and Delivery Editor:

Delivery Information:

EO - 00103E2021 Delivery Date:2021-03-19

P/N: 10-3200-6

Description: VALVE - HYD SHUTOFF

Alternative P/N:

Note: 29-29-29-300

Remarks:

PO Ordered P/N: 82455003-005

Store Receiving Information Editor:

Received QTY:

Current User ID: DUN

Store Date: 09/03/2021

Store Time:

Stored By:

10. Use Filter Material Status. Check box “Ordered” field.

11. Look for your shortage from the whole list. Select and highlight it.

12. In the “Store PN and Delivery Editor” make any necessary changes. For example, change delivery date in the “Delivery Information” field.

12.1. After pressing “Update” you can monitor delivery date and EO number in the “Shortage Registration” (this submodule is in the Part M, Line Maintenance, Base Maintenance).

Look at the “Shortage Materials Item List” and find “OrderNum” column.

13. Do not remember to press “Update” button to save changes.

Shortage Registration

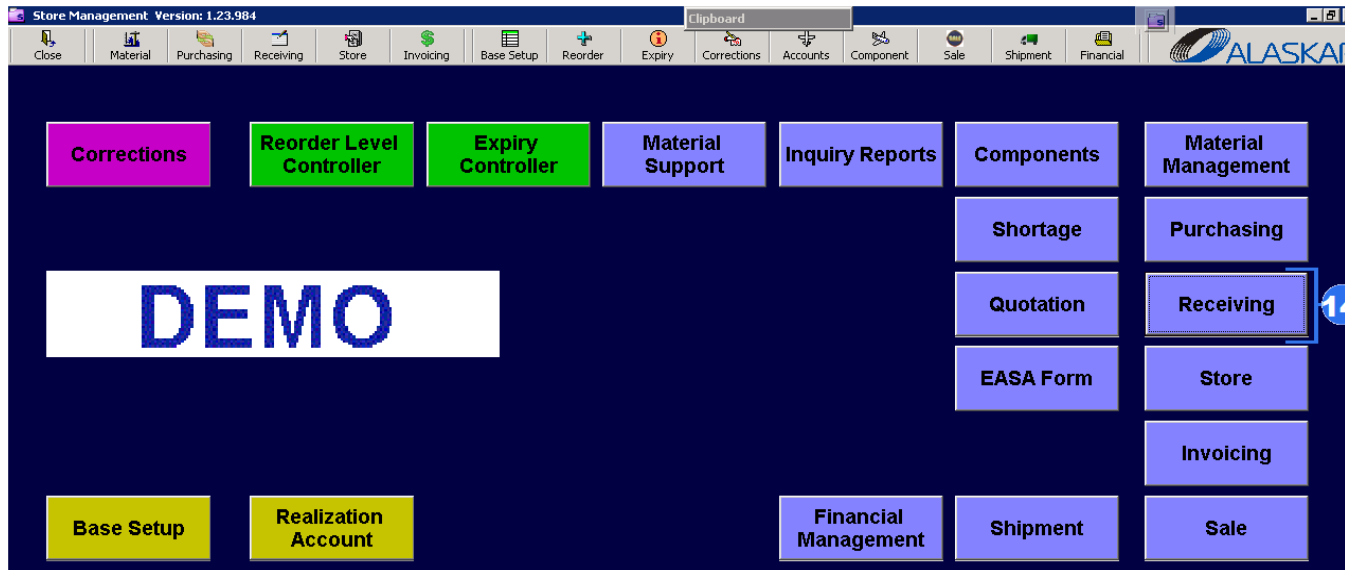
Line Maintenance | Base Maintenance | Engineering | Work Shop | Stock | History-Search

Shortage List:

ID:	No:	IssueDate:	IssueBy:	Status-Qty:	Reference:	Ref-Subject:	Use For:	Use Number:	Note:	AOG:	Prior Date:	Ship To Code:
80	37	2021-03-09 - 11:22	DUN	O-1;	B737-800	VQ-BBB	LINE_WO	3223	TEST	N	2021-10-09	BHX
77	34	2021-03-04 - 12:32	DUN	N-1;	B737-700	VQ-BCB	BASE_WO	098789	MUST BE REPLACED	Y	2021-09-04	FKB
76	33	2021-03-04 - 12:27	DUN	N-1; O-1;	B737-800	VQ-BBB	LINE_WO	171819	IT IS USED FOR ONLY B 737 NG	N	2021-09-04	SVO
75	32	2021-03-04 - 12:21	DUN	N-1;	B737-800	VQ-BBB	LINE_NRC	10925		N	2021-03-03	DME
74	31	2021-03-04 - 12:20	DUN	N-1;	B737-800	VQ-BBB	LINE_WO	32145		N	2021-04-04	BHX
73	30	2021-03-04 - 12:19	DUN	O-1;	B737-800	VQ-BBB	LINE_NRC	270291		N	2021-10-04	BHX
69	26	2020-09-25 - 21:17	DUN	O-1;	B737-800	VQ-BBB	LINE_NRC	2009004		Y	2020-02-10	DME

Shortage Materials Item List:

ID:	PN:	PN_SUBST_1:	PN_SUBST_2:	Description:	Qty:	Note:	UM:	Type:	Status:	PN_Known:	Min_Qty:	Category:	OrderNum:
38	10-3200-6	233145	EM56-20-5	VALVE - HYD SHUTOFF	1	29-29-29-300	EACH	ROT	O	Y	2	M	EO - 00103E2021 Delivery Date:2021-03-19
43	10-3200-6	233145	EM56-20-5	VALVE - HYD SHUTOFF	1	29-29-29-300	EACH	ROT	N	Y	2	M	



14. This order, made for the created shortage, can be approved in the “Receiving” submodule. Press “Receiving” button on the initial screen of the “Stock” module.

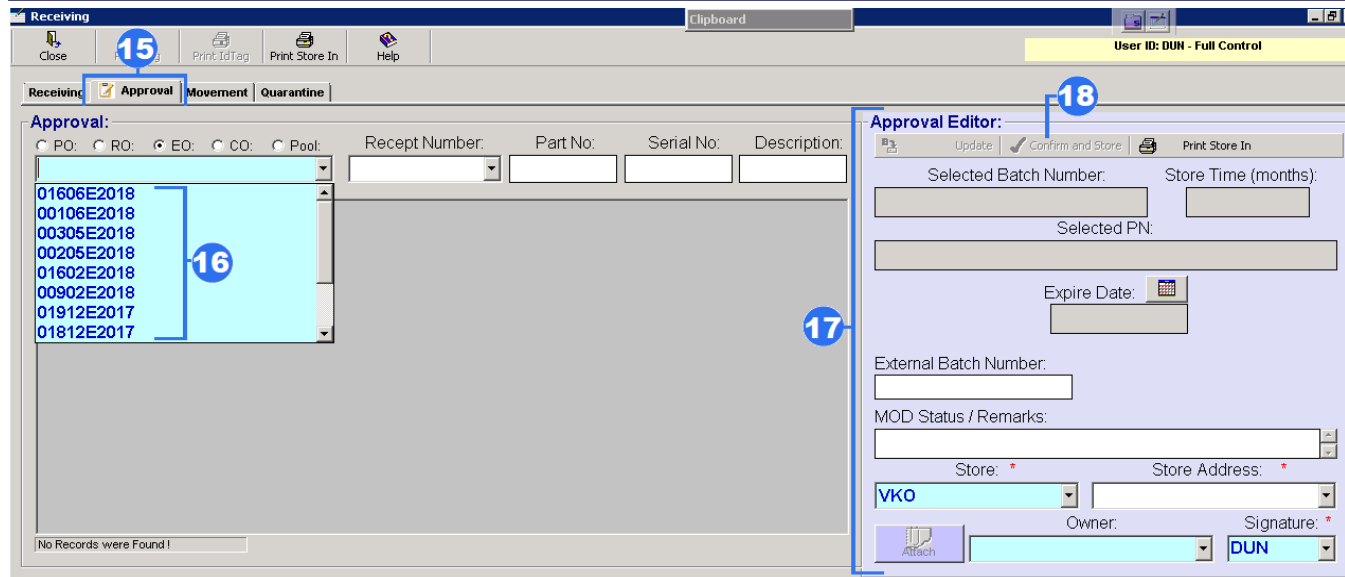
15. Select “Approval” tab.

16. Check box “EO” field and choose from combo box necessary EO number.

17. In “Approval Editor” fill out all fields.

18. Push “Confirm and Store” button to approve the component.

Now, you can make sure that this shortage has passed to the “Received” status in the “Shortage” submodule of the “Stock” module.



The screenshot shows the 'Shortage Materials' application window. At the top, there is a menu bar with options like Close, Refresh, Print, Print Short, Excel, PSMD, Print Week, and Excel Week. Below the menu, the 'Material List' section shows 'Found 14 Materials in List:'. A 'Filter Material Status' dropdown is set to 'Received' (callout 19). A table of materials is displayed with columns for ID, No., IsPool, Item, Ship To, Ref-Subject, PN, Qty, StoreQty, and Description. Row 43 is highlighted in blue (callout 20). To the right, the 'Store PN and Delivery Editor' panel is open, showing 'Delivery Information' with P/N: 10-3200-6 and Description: VALVE - HYD SHUTOFF. The 'Update' button is highlighted (callout 22). Below that, the 'Store Receiving Information Editor' panel is open, showing 'Received QTY: 1', 'Current User ID: DUN', and a 'Receive' button highlighted (callout 25). Other callouts include 21 pointing to the highlighted row, 23 pointing to the table area, and 24 pointing to the 'Receive' button.

ID	No.	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description
50	40		1	YKS	VQ-BBB	3-1558	1	1	WHEEL ASSY - MAIN
49	39		1	DME	VQ-BBB	387	15	788	LAMP
44	38	Y	1	VKO	VQ-BBB	100-9750	1	1	EXTINGUISHER, FIRE, PORTABLE
43	33		1	SVO	VQ-BBB	10-3200-6	1	1	VALVE - HYD SHUTOFF
42	37		1	BHX	VQ-BBB	3289562-2	1	1	VALVE - PRECOOLER CONTROL
41	36		1	VKO	VQ-BCB	100-0127-01	1	1	CCU
40	35		1	VKO	VQ-BCB	100-0127-01	1	1	CCU
38	33		1	SVO	VQ-BBB	10-3200-6	1	1	VALVE - HYD SHUTOFF
37	32		1	DME	VQ-BBB	NAS1611-119	10	5	PACKING
35	30		1	BHX	VQ-BBB	3-1558	3	1	WHEEL ASSY - MAIN
30	25		1	DME	VQ-BBB	10-62091-13	1	1	VALVE - TEMP CONTROL
29	24		1	DME	VQ-BBB	4559-Q	1		LAMP
25	18	Y	1	BHX	VQ-BBB	3-1559	1	1	WHEEL ASSY - NOSE
20	5		1	YKS	VQ-BMP	012A0057.5	1		TOP KIT - FORWARD CARGO SMOKE

19. For this you need to use “Filter Material Status”. Check box “Received”.

20. From the whole list select and highlight corresponding line.

21. In “Store PN and Delivery Editor” make a change if it is necessary.

22. Click on the “Update”.

23. “Store Receiving Information Editor” allows you to change data such as quantity, user ID and date.

24. Without fail press on the “Receive” button to save a change.

25. To remove a line, press “Delete”. The line will disappear. This means that this Shortage has moved from the “Received” status to “Ordered” status.

The screenshot shows the 'Shortage Materials' application window. At the top, there is a menu bar with options like Close, Refresh, Print, Print Short, Excel, P5MD, Print Week, and Excel Week. Below the menu bar, the 'Material List' section shows 'Found 2 Materials in List:'. A 'Filter Material Status' dropdown is set to 'Ordered', with callout 26 pointing to it. Below the filters is a table with the following data:

ID	No.	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description
43	33		1	SVO	VQ-BBB	10-3200-6	1	1	VALVE - HYD SHUTOFF
31	26		1	DME	VQ-BBB	65-52810-46	1		UNIT - ACCESSORY AIR CONDITIONIN

Callout 27 points to the row with ID 31. To the right of the table is the 'Store PN and Delivery Editor' section, which includes fields for Delivery Information, P/N, Description, Alternative P/N, Note, Remarks, and PO Ordered P/N. Callout 28 points to the 'PO Ordered P/N' field. Below this is the 'Store Receiving Information Editor' section, which has 'Delete' and 'Receive' buttons. Callout 29 points to the 'Delete' button. Other fields in this section include Received QTY, Store Date (30/04/2021), Current User ID (DUN), Store Time, and Stored By.

26. Check box “Ordered” field to see list ordered shortages.

27. Highlight your line.

28. In the “Store Receiving Information Editor” add or change data and click on the “Receive” button. After this action, the line will be absent in the “Material List”. This shortage will have the status “Received”.

29. To remove the line click on the “Delete”. The line will disappear. This means that this Shortage has moved from the “Ordered” status to “New” status.

4. Transfer to Pool Order.

The screenshot shows the 'Shortage Materials' window. At the top, there is a menu bar with options like Close, Refresh, Print, etc. Below the menu, there are search filters for Material List, Filter P/N, Filter No., Group, ShipTo, Reference, Subject, Used, and Num. A 'Filter Material Status' section is highlighted with a blue circle '1', containing radio buttons for '1 Day', 'Ordered', 'Archive', 'New', and 'Received'. The 'New' option is selected. Below the filters is a table with columns: ID, SEL, No, IsPool, Item, Ship To, RefSubject, PN, Qty, StoreQty, and Description. Row 42 is highlighted with a blue circle '2'. To the right of the table is the 'Part Number Information Editor' for PN 782490-47, showing Description: PCU. Below that is the 'Delivery Information Editor' with buttons for 'to Quot', 'to PO', 'to EO', 'to Pool', 'Update', and 'Stock'. The 'to Pool' button is highlighted with a blue circle '3'. At the bottom, there is a 'Selected 1 Materials' section showing the selected item: 52 42 1 782490-47 PCU 2 EACH.

ID	SEL	No	IsPool	Item	Ship To	RefSubject	PN	Qty	StoreQty	Description
52	<input checked="" type="checkbox"/>	42	Y	1	VKO	VQ-BBB	782490-47	2	1	PCU
51	<input type="checkbox"/>	41		1	VKO	VQ-BBB	803163-13	2	1	TRANSDUCER / REGULAT
48	<input type="checkbox"/>	31		2	BHX	VQ-BBB	02CAS057501-139	1		Смотровое окно
47	<input type="checkbox"/>	37		2	BHX	VQ-BBB	BACB30VF08K2	1		BOLT
46	<input type="checkbox"/>	36		2	VKO	VQ-BCB	0-1-06-0057/F	1		Труба высокого давлени
45	<input type="checkbox"/>	3		2	YKS	VQ-BIZ	T	1		TEST
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR
36	<input type="checkbox"/>	31		1	BHX	VQ-BBB	4559	2	57	LAMP

1. Use “Filter Material Status”. Check box “New”.

2. Select and tick the line.

3. In the “Delivery Information Editor” click on the “to Pool” to create pool order here, in the “Shortage Materials” submodule.

Material List: Found 8 Materials in List:

ID	SEL	No.	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description
52	<input checked="" type="checkbox"/>	42	Y	1	VKO	VQ-BBB	782490-47	2	1	PCU
51	<input type="checkbox"/>	41		1	VKO	VQ-BBB	803163-13	2	1	TRANSDUCER / REGULAT
48	<input type="checkbox"/>	31		2	BHX	VQ-BBB	02CAS057501-139	1		Смотровое окно
47	<input type="checkbox"/>	37		2	BHX	VQ-BBB	BACB30VFD8K2	1		BOLT
46	<input type="checkbox"/>	36		2	VKO	VQ-BCB	0-1-06-0057/F	1		Труба высокого давлени
45	<input type="checkbox"/>	3		2	YKS	VQ-BIZ	T	1		TEST
39	<input type="checkbox"/>	34		1	FKB	VQ-BCB	10-62008-23	2		REGULATOR - BLEED AIR
36	<input type="checkbox"/>	31		1	BHX	VQ-BBB	4559	2	57	LAMP

Pool Order Editor:

Start Pool Order Number: 00105LHT2021 Qty: 1 of 2

Supplier Code: FOKKER Delivery Date: 22/05/2021

Ship to Code: YKS Bill to Code: YKS

Currency: USD Payment: Net 30

Shipping Agent Code: ACS Issued By: DUN

Shipping Instruction / Notes: ship instr

Priority: AOG: Critical: Expedited: Routine:

Buttons: Close, Confirm

4. Select quantity. In this example there are two e.a. because in the “Material List” in the “Qty” column there are two e.a.

5. Pool Order Number will automatically appear.

6. Select Supplier code, Ship to Code and Bill to Code. Set Delivery date.

7. Choose Currency and Payment. Select from combo box Shipping Agent Code and Issued By. Also, if it is necessary, enter any notes.

8. Tick priority such as:

- AOG
- Critical
- Expedited
- Routine

9. Press “Confirm” button to transfer selected item to Pool Order.

Shortage Materials

Material List: Found 3 Materials in List:

Filter Material Status: 1 Day Ordered Archive

ID	No.	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description
52	42	Y	1	VKO	VQ-BBB	782490-47	2	1	PCU
43	33		1	SVO	VQ-BBB	10-3200-6	1	1	VALVE - HYD SHUTOFF
31	26		1	DME	VQ-BBB	65-52810-46	1	1	UNIT - ACCESSORY AIR CONDITIO

Store PN and Delivery Editor:

Delivery Information:
POOL - 00205LHT2021 Delivery Date:2021-05-22

P/N:
782490-47

Description:
PCU

Alternative P/N:

Note:

Remarks:

PO Ordered P/N:
PS870B1/2

Store Receiving Information Editor:

Received QTY:

Store Date:
12/05/2021

Current User ID:
DUN

Store Time:

Stored By:

After this action, the line will be absent in the “Material List”. This shortage will have the status “Ordered”.

10. Use Filter Material Status. Check box “Ordered” field.

11. Look for your shortage from the whole list. Select and highlight it.

12. In the “Store PN and Delivery Editor” make any necessary changes. For example, change delivery date in the “Delivery Information” field.

Shortage Registration

Line Maintenance | Base Maintenance | Engineering | Work Shop | Stock | History Search

Shortage List:

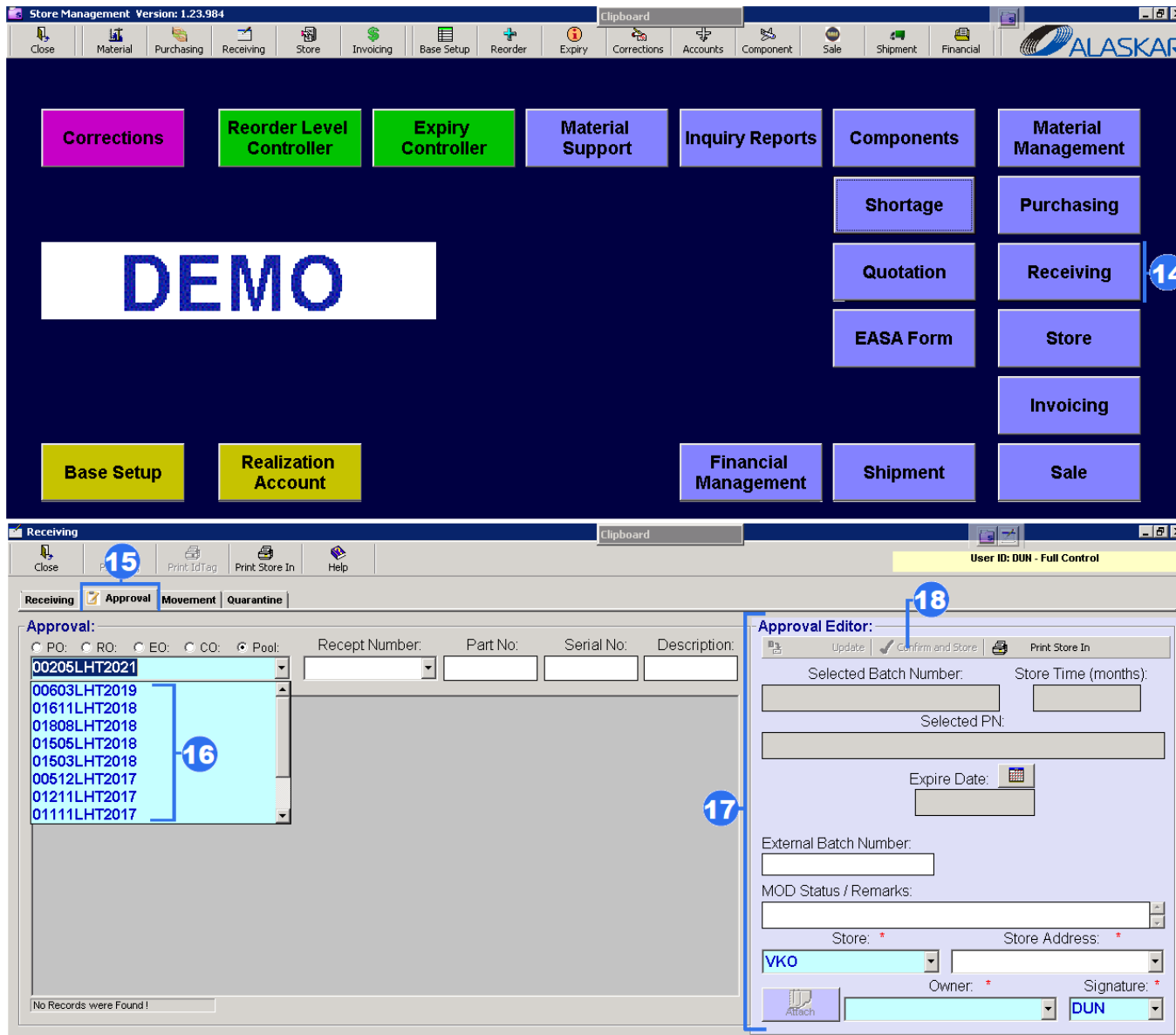
ID	No.	IssueDate	IssueBy	Status	Qty	Reference	Ref-Subject	Use For	Use Number	Note	AOG	Prior Date	Ship To Code
85	42	2021-04-30 17:33	DUN	O-1;		B737-800	VQ-BBB	LINE_WP	270291		N	2021-02-05	VKO
84	41	2021-04-30 16:59	DUN	N-1;		B737-800	VQ-BBB	LINE_WO	270291	FOR PRESIDENT AIRCRAFT	N	2021-01-05	VKO
80	37	2021-03-09 11:22	DUN	N-1; S-1;		B737-800	VQ-BBB	LINE_WO	3223	TEST	N	2021-10-09	BHX
77	34	2021-03-04 12:32	DUN	N-1;		B737-700	VQ-BCB	BASE_WO	098789	MUST BE REPLACED	Y	2021-09-04	FKB
76	33	2021-03-04 12:27	DUN	O-1; S-1;		B737-800	VQ-BBB	LINE_WO	171819	IT IS USED FOR ONLY B 737 NG	N	2021-09-04	SVO
74	31	2021-03-04 12:20	DUN	N-2;		B737-800	VQ-BBB	LINE_WO	32145		N	2021-04-04	BHX
73	30	2021-03-04 12:19	DUN	O-1;		B737-800	VQ-BBB	LINE_NRC	270291		N	2021-10-04	BHX
71	28	2020-10-09 18:50	DUN	O-1;		B737-800	VQ-BBB	LINE_NRC	2702914		Y	2020-10-16	DME
70	27	2020-10-09 18:33	DUN	O-1;		B737-800	VQ-BBB	LINE_NRC	4200766	BACK LIGHT COMES ON	Y	2020-08-26	DME

Shortage Materials Item List:

ID	Note	UM	Type	Status	PN_Known	Min_Qty	Category	OrderNum	OrderTime	ReceiveDate	StockDate	StockQty
52		EACH	ROT	O	Y		M	POOL - 00205LHT2021 Delivery Date:2021-05-22	2021-05-12 13:08			

12.1. After pressing “Update” you can monitor delivery date and pool order number in the “Shortage Registration” (this submodule is in the Part M, Line Maintenance, Base Maintenance). Look at the “Shortage Materials Item List” and find “OrderNum” column.

13. Do not remember to press “Update” button to save changes.



14. This order, made for the created shortage, can be approved in the “Receiving” submodule. Press “Receiving” button on the initial screen of the “Stock” module.

15. Select “Approval” tab.

16. Check box “Pool” field and choose from combo box necessary Pool order number.

17. In “Approval Editor” fill out all fields.

18. Push “Confirm and Store” button to approve the component.

Now, you can make sure that this shortage has passed to the “Received” status in the “Shortage” submodule of the “Stock” module.

The screenshot shows the 'Shortage Materials' application window. At the top, there is a menu bar with options like Close, Refresh, Print, Print Short, Excel, PSMD, Print Week, and Excel Week. Below the menu, the 'Material List' section shows 'Found 5 Materials in List:'. A 'Filter Material Status' dropdown is set to 'Received' (callout 19). A table of materials is displayed with columns for ID, No, IsPool, Item, Ship To, Ref-Subject, PN, Qty, StoreQty, Description, and Prior Date. The table contains 5 rows of data (callout 20). The 'Store PN and Delivery Editor' panel on the right shows 'Delivery Information' with a 'Delivery Date' of 2021-05-21 (callout 22) and a 'P/N' of 782490-47. The 'Store Receiving Information Editor' panel at the bottom right shows a 'Received QTY' of 2 (callout 25) and a 'Current User ID' of DUN. A 'Receive' button is highlighted (callout 24), and a 'Delete' button is also visible (callout 25). A legend at the bottom left indicates record statuses: - AOG (red), - Changed (yellow), and - in Store (green).

ID	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description	Prior Date
52	42	Y	1	VKO	VQ-BBB	782490-47	2	1	PCU	2021-02-05
50	40		1	YKS	VQ-BBB	3-1558	1	1	WHEEL ASSY - MAIN	2021-02-05
49	39		1	DME	VQ-BBB	387	15	788	LAMP	2021-04-21
37	32		1	DME	VQ-BBB	NAS1611-119	10	5	PACKING	2021-03-03
25	18	Y	1	BHX	VQ-BBB	3-1559	1	1	WHEEL ASSY - NOSE	2020-06-21

19. For this you need to use “Filter Material Status”. Check box “Received”.

20. From the whole list select and highlight corresponding line.

21. In “Store PN and Delivery Editor” make a change if it is necessary.

22. Click on the “Update”.

23. “Store Receiving Information Editor” allows you to change data such as quantity, user ID and date.

24. Without fail press on the “Receive” button to save a change.

25. To remove a line, press “Delete”. The line will disappear. This means that this Shortage has moved from the “Received” status to “Ordered” status.

The screenshot shows the 'Shortage Materials' application window. At the top, there is a toolbar with icons for Close, Refresh, Print, Print Short, Excel, PSMD, Print Week, and Excel Week. The main area is divided into several sections:

- Material List:** A table with columns: ID, No, IsPool, Item, Ship To, Ref-Subject, PN, Qty, StoreQty, and Description. Three rows are visible:

ID	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description
52	42	Y	1	VKO	VQ-BBB	782490-47	2	1	PCU
43	33		1	SVO	VQ-BBB	10-3200-6	1	1	VALVE - HYD SHUTOFF
31	26		1	DME	VQ-BBB	65-52810-46	1		UNIT - ACCESSORY AIR CONDITIONIN
- Filter Material Status:** Radio buttons for 1 Day, Ordered, Archive, New, and Received. Callout 26 points to the 'Ordered' button.
- Store PN and Delivery Editor:** Fields for Delivery Information (POOL - 00205LHT2021 Delivery Date:2021.05.22), P/N (782490-47), and Description (PCU). Callout 27 points to the highlighted row in the Material List.
- Store Receiving Information Editor:** Fields for PO Ordered P/N (PS870B1/2), Received QTY (0), Current User ID (DUN), and Store Date (12/05/2021). Callout 28 points to the PO Ordered P/N field, and callout 29 points to the 'Delete' button.

26. Check box “Ordered” field to see list ordered shortages.

27. Highlight your line.

28. In the “Store Receiving Information Editor” add or change data and click on the “Receive” button. After this action, the line will be absent in the “Material List”. This shortage will have the status “Received”.

29. To remove the line click on the “Delete”. The line will disappear. This means that this Shortage has moved from the “Ordered” status to “New” status.

5. Access to Stock and printout.

Material List: Found 7 Materials in List:

Filter Material Status: 1 Day Ordered Archive
 New Received

ID:	SEL:	No:	IsPool:	Item:	Ship To:	Ref-Subject:	P/N:	Qty:	StoreQty:	Description:
51	<input type="checkbox"/>	41		1	VKO	VQ.BBB	803163.13	2	1	TRANSDUCER / REGULAT
48	<input type="checkbox"/>	31		2	BHX	VQ.BBB	02CAS057501.139	1		Смотровое окно
47	<input type="checkbox"/>	37		2	BHX	VQ.BBB	BACB30VF08K2	1		BOLT
46	<input type="checkbox"/>	36		2	VKO	VQ.BCB	0-1-06-0057/F	1		Труба высокого давлени
45	<input type="checkbox"/>	3		2	YKS	VQ.BIZ	T	1		TEST
39	<input type="checkbox"/>	34		1	FKB	VQ.BCB	10-62008-23	2		REGULATOR - BLEED AIR
36	<input type="checkbox"/>	31		1	BHX	VQ.BBB	4559	2	57	LAMP

Records from 1 to 7 of 7
 - AOG - Changed - in Store

1. In “Delivery Information Editor” press “Stock” button and “Main Store” screen will appear. Here you can get data of component availability.

2. Use Filter - Part Number to find a component quickly. Also, you can enter part numbers separated by semicolons for multi-selection.

3. Use “Description” field for more accurate component retrieval.

4. In the list you can see information such as “Store Address”, “Store”, “Quantity” and other data.

Filter - Part Number: (Separate Multi-Selection by ;)

Description:

ID:	Stored_Date:	P/N:	SN:	Description:	Qty:	Reserved_Qty:	Unit:	BatchNumber:	Store_Address:	Store:	Expire_Date:	PMA:	Stored_Time:	PropertyOf:	ORB_ID:	TB_BatchNumber:
8726	11/2/2018	4559		LAMP	2		EA	001681018	E7	YAK		N	14:16			
8792	11/9/2018	4559		LAMP	1		EA	000781118	3G	VKO		N	21:28			
10003	6/17/2020	4559		LAMP	1		EA	000020520	4ESR	VTG		N	17:03			
10018	7/7/2020	4559		LAMP	44	1	EA	000070720	2L3R	VKO		N	23:06			
20039	4/28/2021	4559		LAMP	10	0	EA	000010421	2W3E	YKT		N	11:58			
8928	11/27/2018	Q4559X		LIGHT	1	0	EA	000171118	E7	YAK		N	09:03			

Found 6

The screenshot shows the 'Shortage Materials' application window. The toolbar at the top contains buttons for Refresh (5), Print (6), Print Short (7), Excel (8), Print Week (9), and Excel Week. The main area displays a 'Material List' with 7 materials. A date selection dialog is open, showing 'From Date: 05/05/2021' and 'To Date: 12/05/2021' (10). The right-hand side of the window features a 'Part Number Information Editor' and a 'Delivery Information Editor'.

ID	SEL	No	IsPool	Item	Ship To	Ref-Subject	PN	Qty	StoreQty	Description
51	<input type="checkbox"/>	41		1	VKO	VQ-BBB	803163-13	2	1	TRANSDUCER / REGULAT
48	<input type="checkbox"/>	31		2	BHX	VQ-BBB	02CAS057501-13	1		Смотровое окно
47	<input type="checkbox"/>	37		2	BHX	VQ-BB				BOLT
46	<input type="checkbox"/>	36		2	VKO	VQ-BC				Труба высокого давлени
45	<input type="checkbox"/>	3		2	YKS	VQ-BIZ				TEST
39	<input type="checkbox"/>	34		1	FKB	VQ-BC				REGULATOR - BLEED AIR
36	<input type="checkbox"/>	31		1	BHX	VQ-BB				LAMP

5. On the upper toolbar press “Refresh” button to clear all fields and remove all check boxes.

6. Use “Print” to print out Material list.

7. To print corresponding shortage (POR – part order request), highlight it and push on the “Print Short”

8. “Excel” button allows you to transfer all shortages to excel.

9. Select “Print Week” to print out shortages for the period. Select “Excel Week” to transfer shortage for the period.

10. Enter “From Date” and “To Date” and press “Confirm”.