

GFEBBS



GENERAL FUND ENTERPRISE BUSINESS SYSTEM

IDoc Processing Job Aid

Version 2.0
Prepared by Accenture
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IDoc Processing Job Aid Overview

Purpose:

- The purpose of this job aid is to provide step-by-step instruction that end users can easily use to process IDocs for managing inbound and outbound messages between GFEBS and external systems, using the Display/Edit IDoc (WE02) and Select IDoc (BD87) transactions.
- An IDoc (Intermediate Document) is the standard GFEBS format for sending messages (transaction data, master data, etc). IDocs are used to send this data between any external systems that support IDoc processing or the conversion of IDocs to other data formats.

Trigger:

- Use this job aid when you need to check the results of an interface between an external system and GFEBS. Also, use this job aid when you need to resolve any interface errors.
- Not every interface allows a user to edit an IDoc. Depending on the business process, certain IDocs can be displayed and certain IDocs can be updated. See Appendix A for more information.

Prerequisites:

- For BD87: IDoc number

Helpful Hints:

- Fields that are not used are not referenced in this job aid. Use F1 Help for standard explanations.
- The R/O/C column in the field description table represents the three types of data entry fields in SAP.
 - **R** is for **required** fields that must be populated to complete a transaction.
 - **O** is for **optional** fields that are not mandatory to complete a transaction.
 - **C** is for **conditional** fields that are dependent on population of related fields and specific transactional events.
- On certain screens you may need to scroll to view additional data fields.
- Data used in this job aid is a representative sample of the data that is available in the production environment. Actual transaction data in the production environment may vary based upon your given scenario.

Audience:

- Interface Processing Monitors (See Appendix A)

WE02 – Display/Edit IDoc

Purpose:

- The purpose of this transaction is to display/edit the IDoc (depending on user access) to identify and/or resolve inbound and outbound interface errors in GFEBs.


Trigger:


- Use this transaction when you need to either display an IDoc to check the results of an interface, or display and edit an IDoc to make any necessary changes to the IDoc to resolve any interface errors.
- Use this transaction before using BD87.

1. Start the transaction by entering the transaction code WE02.

IDoc List

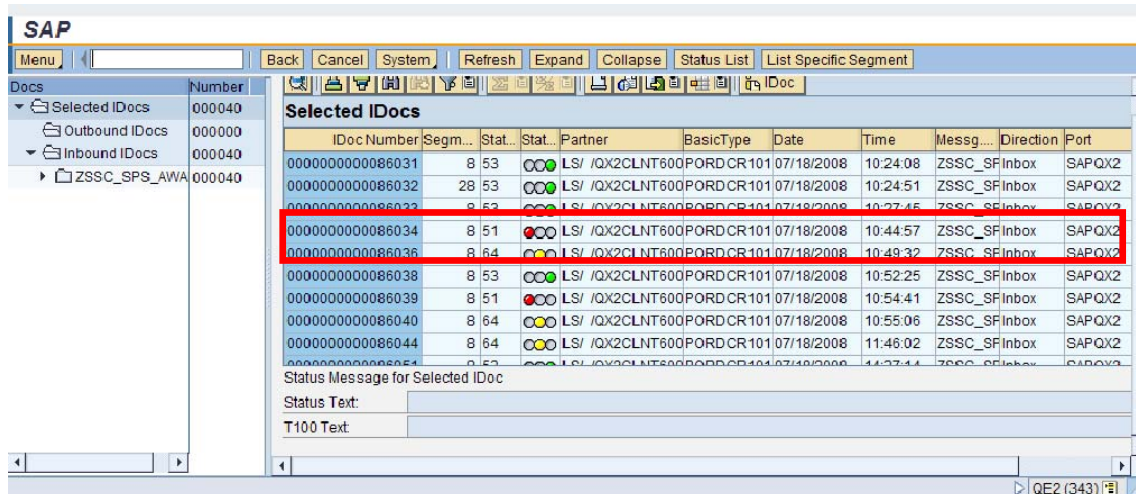
2. As required, complete/review the following fields highlighted in screen shot above:

Field Name	R/O/C	Description
Created On	O	<p>The date which the IDoc was created.</p> <p> You can put a date range to include IDocs processed in the past.</p> <p>Example: 07/18/2008</p>

Field Name	R/O/C	Description
Logical Message	R	<p>This is the message type, which is the inbound or outbound interface where IDocs are processed.</p> <p> Use the match code to determine the interface you want to view IDocs for. See Appendix A to determine which message type is used for which external system and role.</p> <p>Example: ZSSC_SPS_AWARD</p>

3. Click the **Execute** button.

Selected IDocs

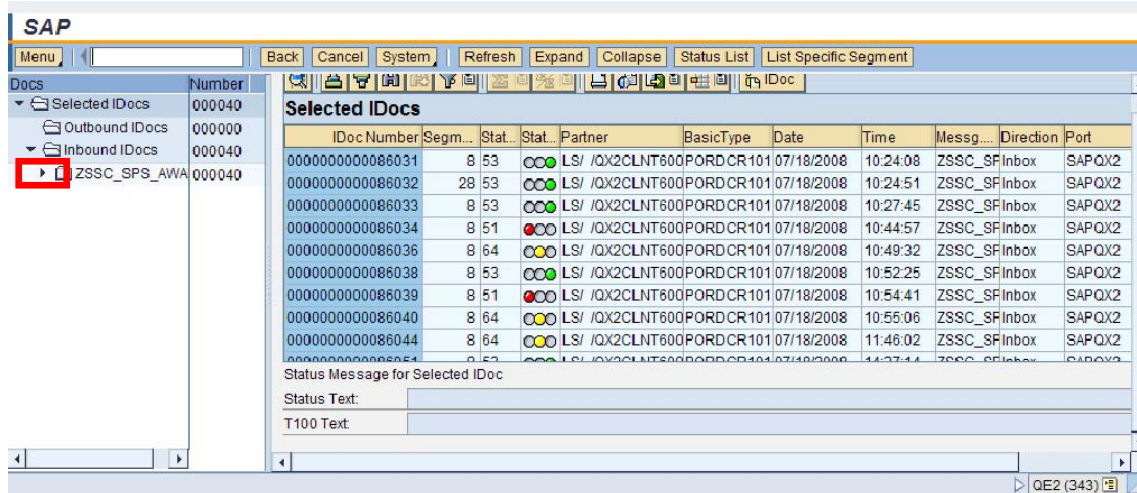


IDoc Number	Segm...	Stat...	Stat...	Partner	BasicType	Date	Time	Messg...	Direction	Port
000000000086031	8	53		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:24:08	ZSSC_SFInbox	SAPQX2	
000000000086032	28	53		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:24:51	ZSSC_SFInbox	SAPQX2	
000000000086033	8	53		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:27:45	ZSSC_SFInbox	SAPQX2	
000000000086034	8	51		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:44:57	ZSSC_SFInbox	SAPQX2	
000000000086036	8	64		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:49:32	ZSSC_SFInbox	SAPQX2	
000000000086038	8	53		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:52:25	ZSSC_SFInbox	SAPQX2	
000000000086039	8	51		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:54:41	ZSSC_SFInbox	SAPQX2	
000000000086040	8	64		LS/	/QX2CLNT600PORDCR101	07/18/2008	10:55:06	ZSSC_SFInbox	SAPQX2	
000000000086044	8	64		LS/	/QX2CLNT600PORDCR101	07/18/2008	11:46:02	ZSSC_SFInbox	SAPQX2	

- The left hand side shows the message type (which is unique for each interface) in order to view IDocs for that particular interface.
- The right hand side shows IDoc information pertaining to the selected interface. This includes information such as the IDoc number, the IDoc status, and the date and time. The most recent IDoc is the last IDoc in the list, so you need to scroll down to view the most recent IDoc.
- IDoc Statuses:
 1. A green bullet represents that no further action will be taken in the system. For inbound interfaces, a green bullet will be present for status 1, 53 and 68.
 - a. Status 1 and 53 means that both the outbound and inbound interface, respectively, was successful.
 - b. However, status 68 is an error that can NOT be reprocessed via BD87 and the Interface Processing Monitor should request a new file from the partner system.
 2. A yellow bullet means that the IDoc is in process.

3. A red bullet will be present for failed interfaces with IDoc status 1 and 51 for the outbound and inbound interface, respectively. IDocs with status 51 should be evaluated and updated via the edit option or BD87 if the needed information can be determined.

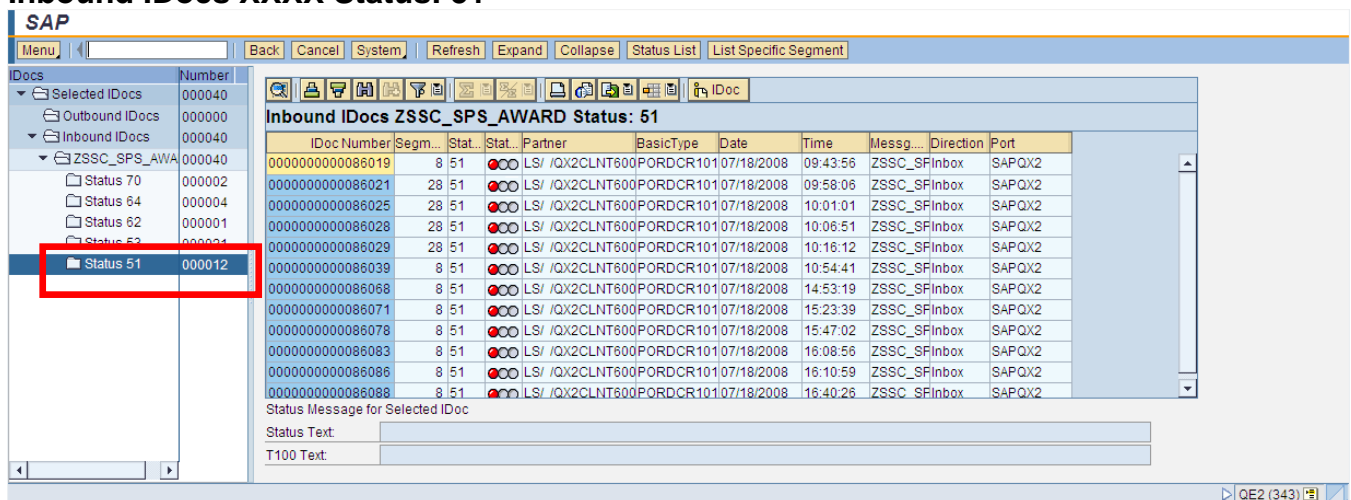
4. Click the arrow next to the interface to view only those IDocs that have **red icons** as their status.



5. Select **Status 51, 68, or 01**, which is the IDoc status for those with errors (See Appendix B).

- Inbound interfaces that error will be in status 68 (green) or 51 (red)
- Outbound interfaces that will fail will be in status 01 (red).

Inbound IDocs XXXX Status: 51

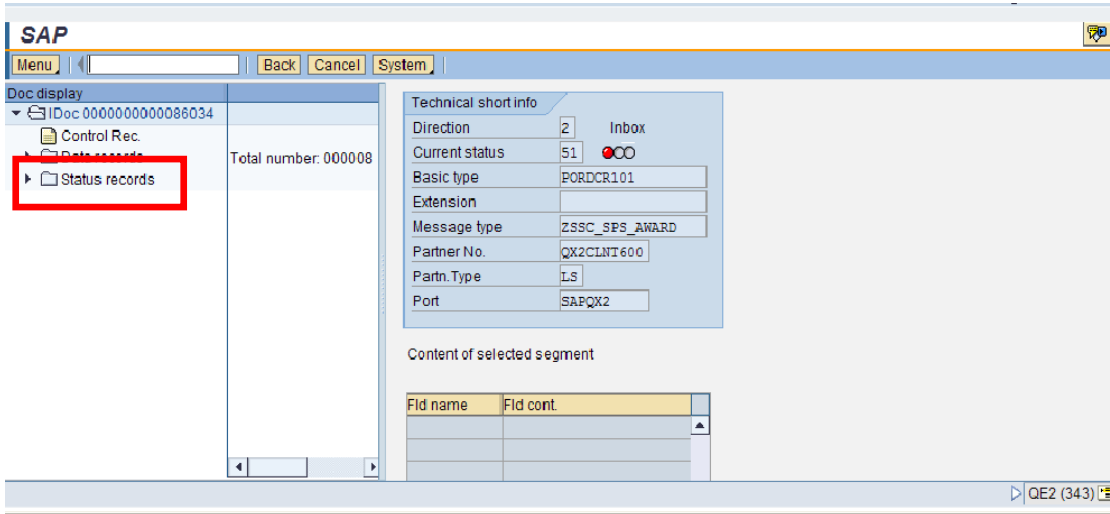


- If you want to view the most recent IDoc that was processed, scroll down to the end of the list, or click the next page button if there are multiple pages.

6. Double click on the IDoc number that needs to be corrected.

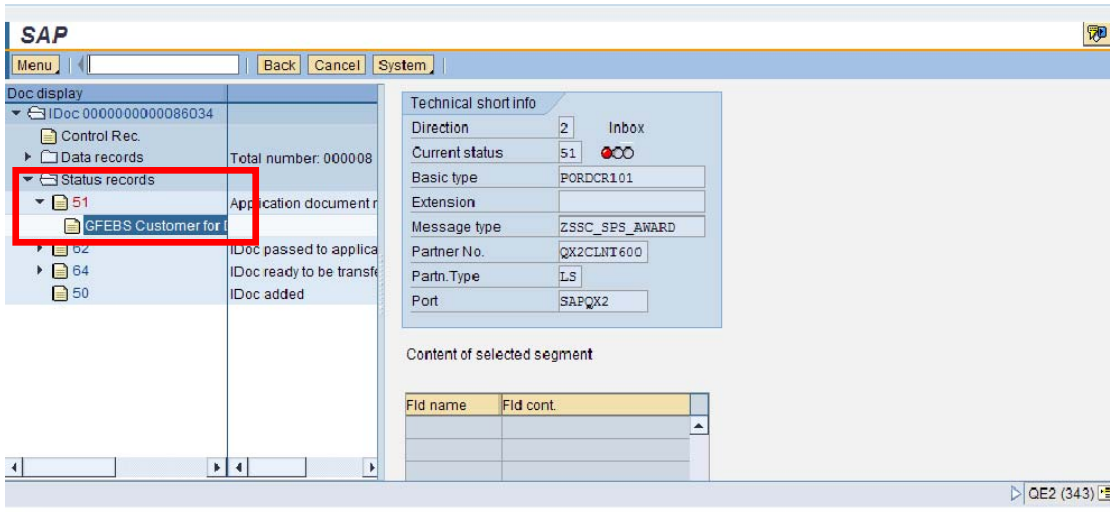
7. Click on the arrow next to **Status Records**.

Technical short info



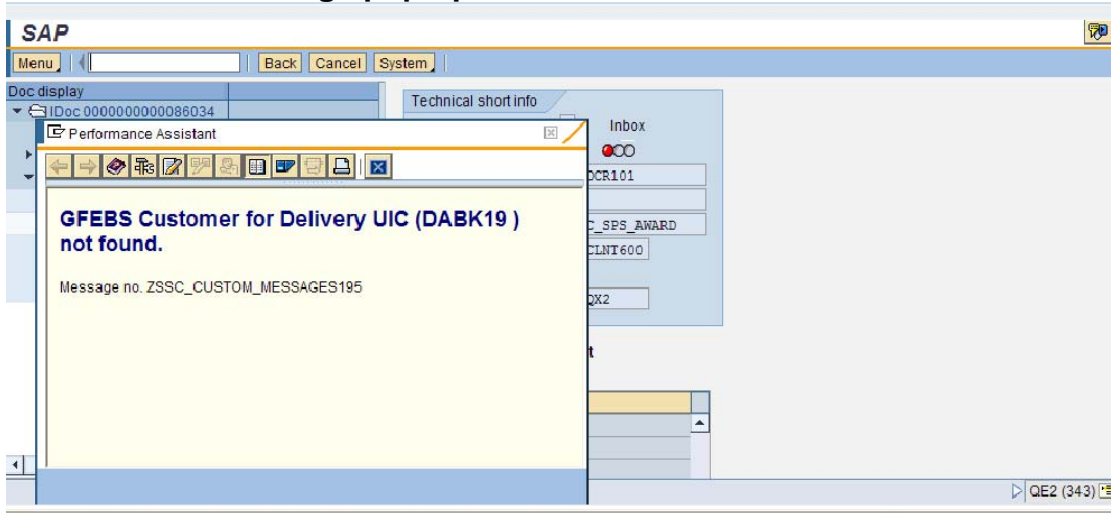
8. Click on the arrow next to **51, 68, or 01** (See Appendix B).. This allows you to view the IDoc in error, which may be stated underneath **the error status**.

Technical short info



9. Double click the message to view the error or iDoc details.

Custom error message pop-up




- The error message may not always be intuitive. This particular error highlights that a required field is invalid or missing, particularly the customer DoDAAC field.
- Depending on the interface and/or the type of error, the messages may be different.

10. Close the message box by clicking the “X” icon in the upper right hand corner of the pop-up.

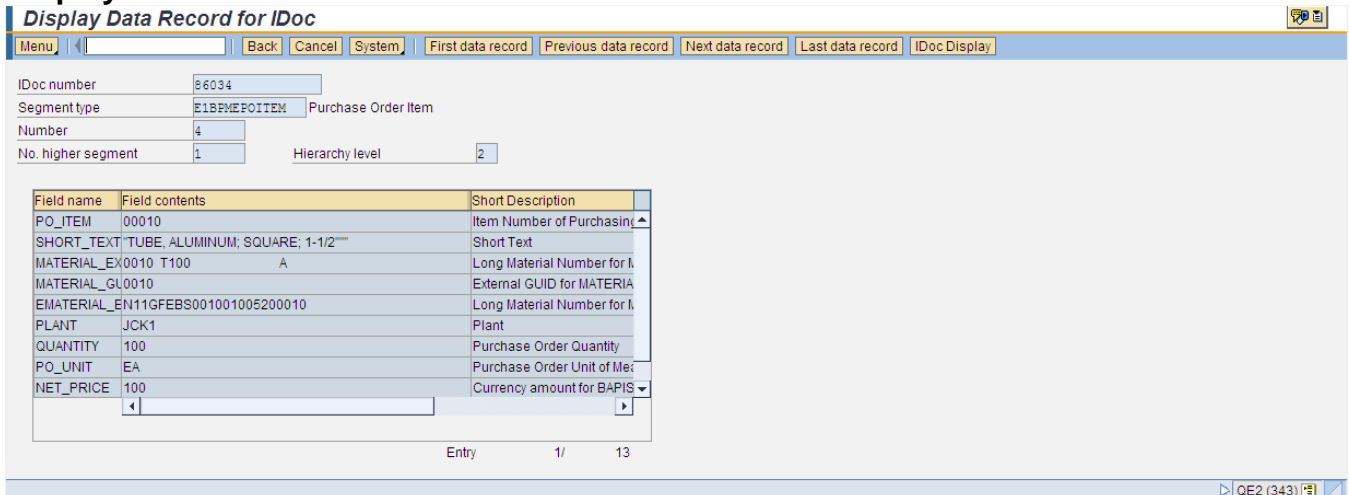
11. Click on the arrow next to **Data records**.

12. Click on the arrow next to the first segment.

13. Double click the  next to the segment name you want to edit.

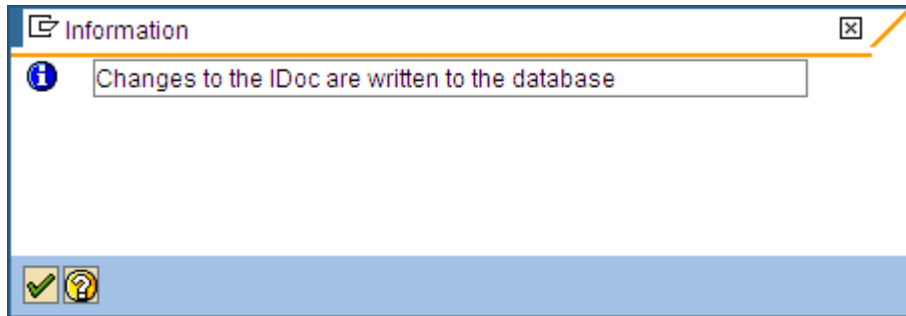
- Example: E1BPMEOITEM


Display Data Record for IDoc



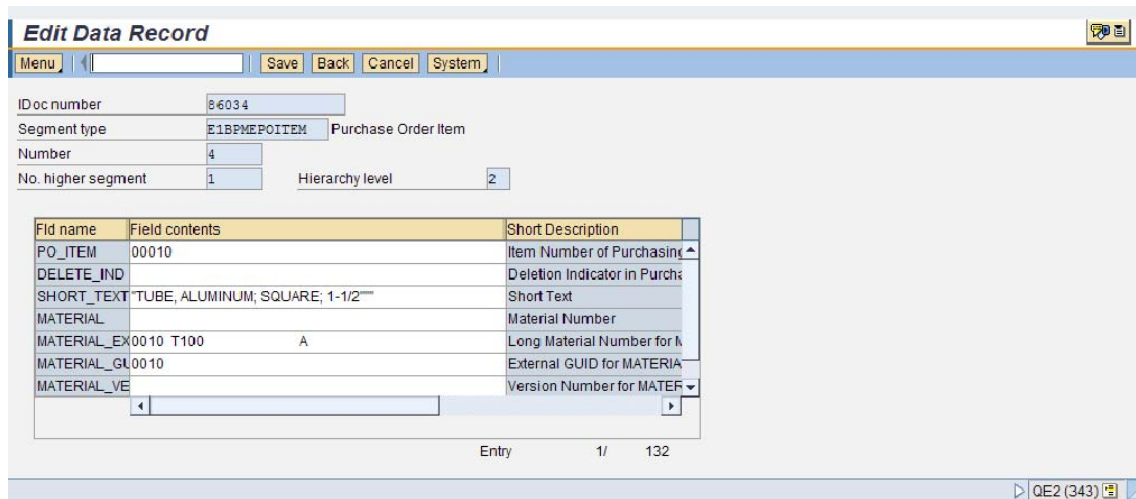
14. Click Menu → Data record → Display->Change to edit the IDoc segment to correct the error.

Information



15. Click the  button or press **Enter** to continue.

Edit Data Record



16. Locate the field that needs to be edited. Use the short description on the right to identify the appropriate field based on the error.

- Continue to click the down arrow of the scroll bar to locate the appropriate field, even though the scroll bar may look like you cannot scroll anymore.

Edit Data Record

Menu | Save | Back | Cancel | System

IDoc number: 86034
Segment type: E1BPMEPOITEM Purchase Order Item
Number: 4
No. higher segment: 1 Hierarchy level: 2

Fld name	Field contents	Short Description
ACKNOWLED_N		Order Acknowledgment Nu
AGREEMENT		Number of Principal Purch
AGMT_ITEM		Item Number of Principal P
SHIPPING		Shipping Instructions
CUSTOMER	DABK19	Customer
COND_GROU		Condition Group with Vend
NO_DISCT		Item Does Not Qualify for C

Entry 53/ 132

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17. Fill in the missing information.

- Example: Since “Customer” was the field that was invalid, enter the correct DoDAAC.

18. Click the **Save** button to save the changes made to the IDoc.

- GFEBs displays the message: “Changed data record was saved.”

19. You have completed this procedure for this transaction.

- You have now viewed and edited an IDoc with errors based on a particular interface.
- Record the five (5) digits of the IDoc number to re-process the IDoc, only if you have access to the Select IDocs (BD87) transaction.

BD87 – Select IDocs

Purpose:

- The purpose of this transaction is to re-process a corrected IDoc to change its status so the IDoc is processed successfully.
- BD87 transaction is only applicable to status 51 iDocs containing inbound interface errors (See Appendix B).
 - For status 01 iDocs containing outbound interface errors, data will need to be corrected in GFEBs and resent to the external system.
 - For status 68 iDocs containing inbound interface errors, data must be resent from the external system to GFEBs.


Trigger:

- Use this transaction when you need to re-process the corrected status 51 IDoc after using WE02, to change its status.

1. Start the transaction by entering the transaction code BD87.

Select IDocs

2. As required, complete/review the following fields:

Field Name	R/O/C	Description
IDoc Number	R	<p>The IDoc number that is to be edited.</p> <p> Use the IDoc number you just viewed previously using the Display IDoc (WE02) transaction.</p> <p>Example: 86034</p>

3. Click the **Execute** button.

Status Monitor for ALE Messages

Status Monitor for ALE Messages

Menu | [Search] | Back Cancel System | Refresh IDoc display Expand subtree Collapse subtree Display partner systems More...

IDocs	IDoc Status	Number
▼ IDoc selection		
▼ IDoc Number is equal to 86034		
▼ Changed on is in the range 07/21/2008 to 07/21/2008		
▼ GFEB5 1.2 ECC 6.0 QA - Prod Pass 3		1
▶ IDoc in inbound processing		1

QE2 (343)

- Expand the last node.
- Click the last node
 - Example: IDoc was edited
- Click the **More...** button and then select **Process**.
 - You can also click the **Menu** button, and then select **Edit** → **Process selection**.

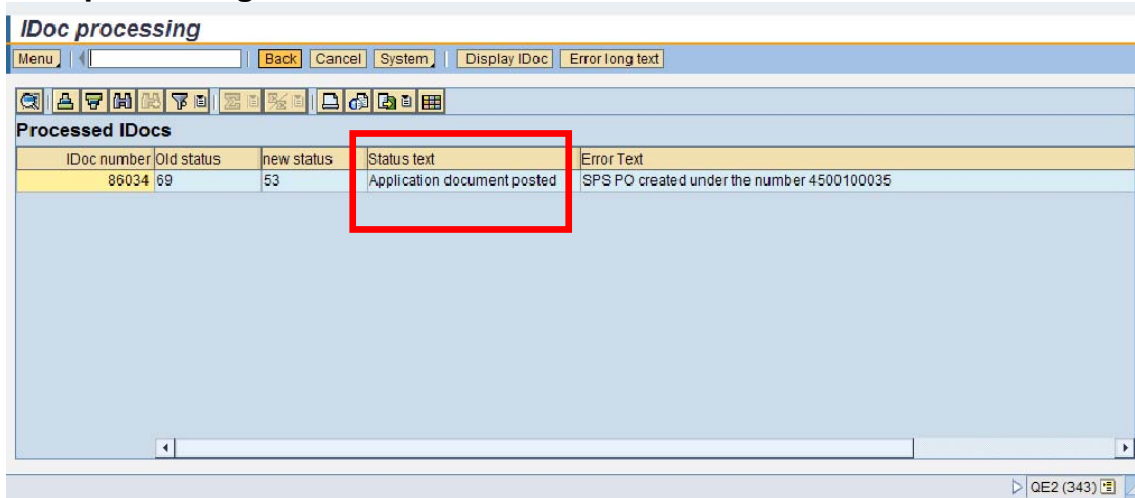
Status Monitor for ALE Messages

Menu | [Search] | Back Cancel System | Refresh IDoc display Expand subtree Collapse subtree Display partner systems **More...**

IDocs	IDoc Status	Number
▼ IDoc selection		
▼ IDoc Number is equal to 86034		
▼ Changed on is in the range 07/21/2008 to 07/21/2008		
▼ GFEB5 1.2 ECC 6.0 QA - Prod Pass 3		1
▶ IDoc in inbound processing		1

QE2 (343)

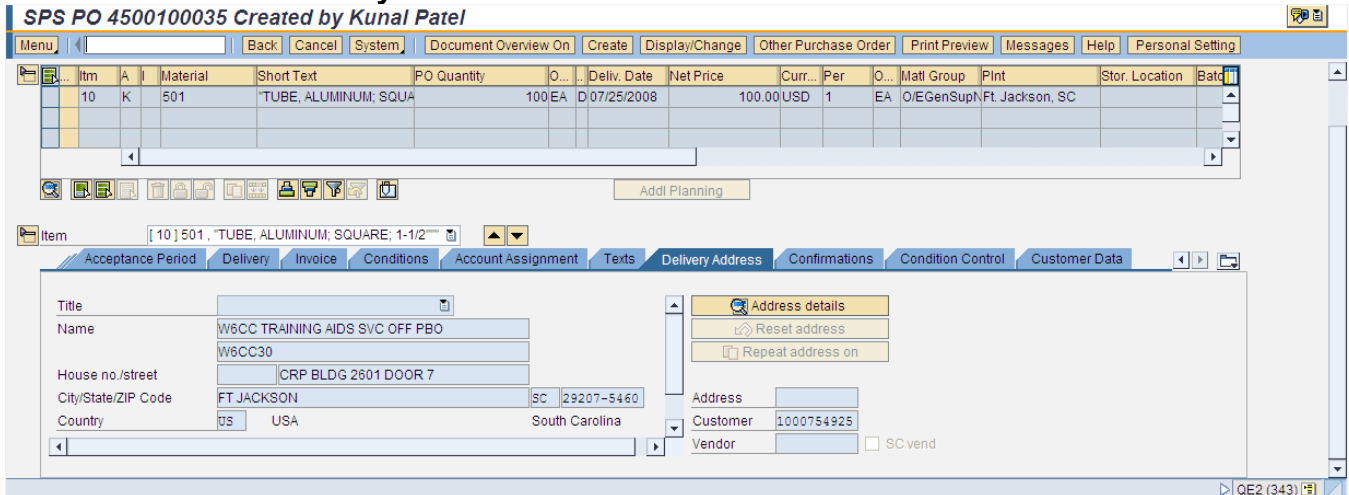
IDoc processing



- Note in the **Status text** field that “Application document posted.”
 - The status has changed to **53** or **01**, which means the inbound or outbound IDoc was processed successfully.
 - It even includes other text such as the PO number that was created.

7. Confirm the change using whichever transaction that is associated with the interface, if applicable.
 - a. Example: Verify corrected PO data using the Display Purchase Order (ME23N) transaction for this interface.

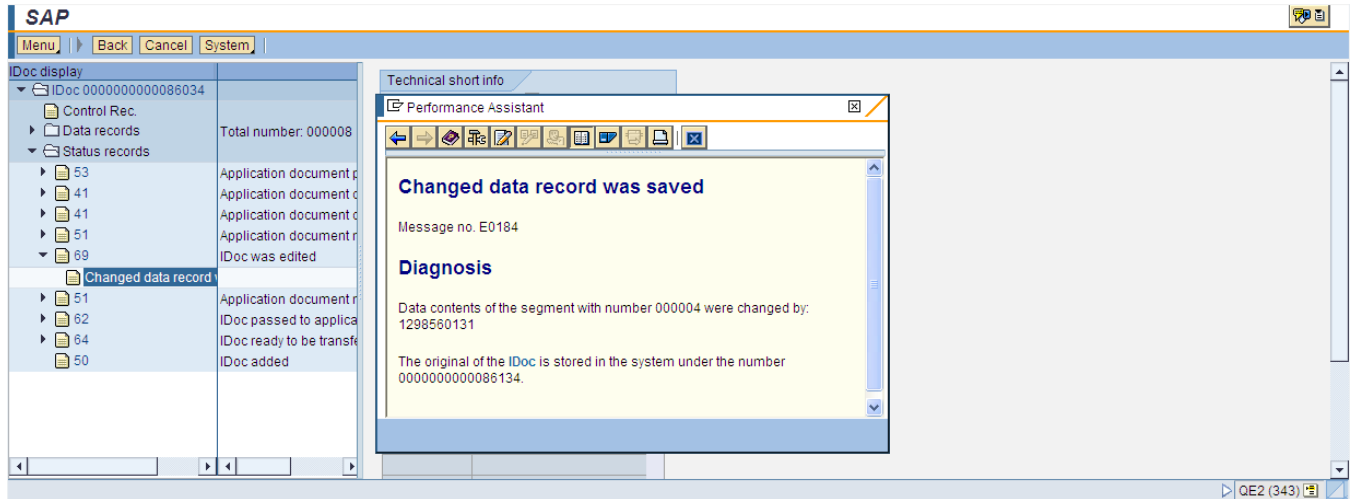
SPS PO XXXX Created by YYYY



- For this example the Customer field is successfully populated based on the corrected IDoc.

8. You can also view the history of the edited and/or successfully re-processed IDoc by going back to the Display/Edit IDoc (WE02) transaction, viewing the different status records, and double-clicking the messages.

Technical short info



- Example: You can see who made the changes to the IDoc.
9. You have completed this procedure for this transaction.
 - a. You have now successfully re-processed an IDoc with errors based on a particular interface.



Appendix A

Process Area	Role	IDoc Specific T-codes	External System – Message Type
SC	Invoice Interface Processing Monitor	WE02, BD87	<u>PowerTrack</u> ZSSC_ACC_INVC_RCPT <u>Access Online</u> ZSSC_ACC_INVC_RCPT ZSSC_ACC_INVC_UNBLK <u>FAS</u> ZSSC_ACC_INVC_RCPT
SC	Purchase Order Interface Processing Monitor	WE02, BD87	<u>SPS</u> ZSSC_SPS_AWARD <u>TEWLS</u> ZSSC_ACC_INVC_RCPT
SC	Purchase Order Interface Processing Monitor	WE02	<u>IRM</u> ZSSC_IRM_FC <u>DMLSS</u> ZSSC_DMLSS_PR ZSSC_DMLSS_PO ZSSC_DMLSS_ACK_NCK ZSSC_DMLSS_ACK_NCK
SC	Purchase Requisition Interface Processing Monitor	WE02	<u>DMLSS</u> ZSSC_DMLSS_PR ZSSC_DMLSS_PO ZSSC_DMLSS_ACK_NCK ZSSC_DMLSS_ACK_NCK
SC	Goods Receipt Interface Processing Monitor	WE02	<u>DMLSS</u> ZSSC_DMLSS_PR ZSSC_DMLSS_PO ZSSC_DMLSS_ACK_NCK ZSSC_DMLSS_ACK_NCK
SC	Exchange Rate Monitor	WE02	<u>ITS</u> Exchange_Rate

SC	Vendor Master Data Interface Processing Monitor	WE02	<u>PLM+</u> ZSSC_CREMAS
PP&E - PS	Project Interface Processing Monitor	WE02, BD87	<u>DMLSS</u> ZSPPE_DMLSS_WBS
PP&E – RP	Real Property Interface Processing Monitor	WE02	<u>HQIIS</u> BUS1502_CHANGE BUS1503_CHANGE <u>ASIP</u> ZSPPE_UIC
RM	Customer Interface Monitor	WE02	<u>PLM+</u> ZSRM_DEBMDM
FI	Payment Interface Processing Monitor	WE02, BD87	<u>DCAS</u> ZSRM_EC_POSTING ZSRM_EC_CIVPAYR ZSRM_EC_PREPSTR <u>ADS</u> ZSSC_POSTPAY
PP&E – EA	Asset Interface Processing Monitor	WE02	<u>PBUSE</u> ZSPPE_FIXEDASSETS1 <u>AMIS</u> ZSPPE_FIXEDASSETS
Cost Management	DTS Interface Processing Monitor	WE02	<u>DTS 810</u> ZSCM_DTS_810 <u>DTS 821</u> ZSCM_DTS_FMFR



Appendix B

IDoc Status Number	IDoc Status Color	Definition
51	Red	iDoc item with inbound interface errors and can be re-processed in GFEBS using BD87.
01	Green or Red	iDoc item with outbound interface messages successfully processed (green). OR iDoc item with outbound interface errors (red).
68	Green	iDoc item with inbound interface errors that cannot be re-processed in GFBES and will need to be manually corrected.
53	Green	iDoc item has been processed
69	Yellow	iDoc item has been changed and data record was saved