Oracle® EDI Gateway Documentation Updates

RELEASE 11.0.1

June 1998

ORACLE®

Enabling the Information Age™

Oracle EDI Gateway Documentation Updates

Overview of Data File Structure

The last row of the first table in this section currently reads:

- Application Data (101–512+)

Instead, it should read:

- Application Data (101–600+)

See: *Overview of Data File Structure, Oracle EDI Gateway User's Guide, Release 11.*

Control Record Layout

The table in this section should be replaced with the following text and table:

Except for the Outbound Ship Notice / Manifest and the Outbound Invoice, all other transactions begin with one standardized control record, number 0010. The table that follows does not pertain to the Outbound Ship Notice / Manifest and the Outbound Invoice:

☞ **Attention:** Verify all printed record layouts with the data attributes in the records as they are displayed in the Interface File Definition window. Those displayed in the window are accurate.

Seq.	Data Element	Length	Position	Sample Inbound Transaction	Sample Outbound Transaction
01	Translator Code (short)	25	1–25	A1–ACME–2	A1–ACME–1
02	Key 1: (may be truncated)	22	26–47	1234567890123456789012	64564522
03	Key 2:	22	48–69		
04	Key 3:	22	70–91		
05	Record Number	4	92–95	0010	0010
06	Record Layout	2	96–97	CT	CT
07	Record Qualifier	3	98–100	CTL	CTL
08	Communication Method	2	101–102	ED	ED
09	Test Flag	1	103	P	T
10	Document ID	6	104–109	POI	POO
11	Document Type	5	110–114	STAND	BLANK

Seq.	Data Element	Length	Position	Sample Inbound Transaction	Sample Outbound Transaction
12	Document Purpose Code	2	115–116	OR	CH
13	Document Code (full)	35	117–151	12345678901234567890123345	64564522
14	Translator Code (full)	30	152–181	A1–ACME–2	A1–ACME–1
15	TP Location Code External	35	182–216	AC7654	AC9832
16	Trading Partner Description	76	217–290	ACME CORP	ACME INC
17	TP Reference 1	74	291–370	1234	
18	TP Reference 2	80	371–451	9875	
19	Transaction Date/Time	15	451–465	19970616 230723	19970626
20	Transmission Run ID	15	466–480	534342	
21	Control Number 1 (external)	10	481–490	654	
22	Control Number 2 (external)	10	491–500	897	
23	Control Number 3 (external)	10	501–510	3423	

For the Outbound Ship Notice / Manifest and the Outbound Invoice transactions, the following section must be appended:

Control Record Layout for the Outbound Ship Notice / Manifest and the Outbound Invoice

Record 0010 is the common control record to be used by both the EDI Gateway and the EDI translator for trading partner identification and processing rules. It includes information identifying the transaction type, transaction date and time, trading partner code, EDI document being transmitted, and whether it is a test or production transaction. This record is 600 characters long. The common control record layout is illustrated in the following table:

Seq.	Data Element	Length	Position	Sample Inbound Transaction	Sample Outbound Transaction
01	Translator Code (short)	25	1–25	A1–ACME–2	A1–ACME–1
02	Key 1: (may be truncated)	22	26–47	1234567890123456789012	64564522
03	Key 2:	22	48–69		
04	Key 3:	22	70–91		

Seq.	Data Element	Length	Position	Sample Inbound Transaction	Sample Outbound Transaction
05	Record Number	4	92–95	0010	0010
06	Record Layout	2	96–97	CT	CT
07	Record Qualifier	3	98–100	CTL	CTL
08	Communication Method	2	101–102	ED	ED
09	Test Flag	1	103	P	T
10	Document ID	6	104–109	POI	POO
11	Document Type	5	110–114	STAND	BLANK
12	Document Purpose Code	2	115–116	OR	CH
13	Document Code (full)	35	117–151	12345678901234567890012345	64564522
14	Translator Code (full)	30	152–181	A1–ACME–2	A1–ACME–1
15	TP Location Code External	35	182–216	AC7654	AC9832
16	Trading Partner Description	71	217–287	ACME CORP	ACME INC
17	TP Reference 1	74	288–367	1234	
18	TP Reference 2	80	368–447	9875	
19	Transaction Date/Time	15	448–462	19970616 230723	19970626
20	Transmission Run ID	15	463–477	534342	
21	Control Number 1 (external)	10	478–487	654	
22	Control Number 2 (external)	10	488–497	897	
23	Control Number 3 (external)	10	499–507	3423	

Control Record (0010)

The first sentence currently reads:

- The following table details the control record:

Instead, it should read:

- The following table details the control record for all transactions:

The table currently contains two columns, Length and Position. Disregard these two columns.

Row 01, second column currently reads:

- Trading Partner Code

Instead, it should read:

- Translator Code

See: *Control Record Layout, Oracle EDI Gateway User's Guide, Release 1*1.

Record Key (1–100)

In the first table, first row, second column, the text currently reads:

- TRADING PARTNER CODE

Instead, it should read:

- Translator Code

See: *Record Key, Oracle EDI Gateway User's Guide, Release 11.*

Changing the Data File

Step 5 currently reads:

- Each record item is numbered sequentially for each logical group up to 512 bytes of data. A record can support more than 512 bytes....

Instead, the number of bytes should be "600."

See: *Changing the Data File, Oracle EDI Gateway User's Guide, Release 11.*

Overview of Code Conversion

Use of Two Standards in Code Conversion

Please append the following to this section:

Separate Tables for Inbound and Outbound Transactions

If required, set up separate code conversion tables for inbound and outbound transactions.

Code Conversion Value for Outbound Transactions

Assume that values in external 1 have one standard, such as ASC X12, and that values in external 2 have a second standard, such as EDIFACT. Both external 1 and external 2 are available in the data file for the EDI translator to choose the one required for the given trading partner.

Category

UOM–OUT	Unit of Measure

Search Key

1	2	3	4	5

Internal Value		Description	External Value				
			1	2	3	4	5
	EACH	each	EACH	PC			
	PC	piece	PC	EA			
✓	PH	per hundred	PH	PH			

Code Conversion Value for Inbound Transactions

Assume that values in external 1 use both sets of standards, ASC X12 and EDIFACT.

This is necessary for the following reasons:

- Inbound transactions have only one value from the trading partner's transaction. Therefore, the data must be placed in external 1 in the data file even though this is not the standard.

- There are no values to use in both external 1 and external 2, as in outbound transactions, to look up the internal value.

The only a problem with this if both standards have a different internal code for their standard code. Several external values may point to the same internal value, as business needs require.

Alternatively, search keys by trading partner could be set up, although this would require many table entries.

Category

UOM–IN	Unit of Measure

Search Key

1	2	3	4	5

	Internal Value	Description	External Value				
			1	2	3	4	5
	EACH	each	EA				
	EACH	each	PC				
✓	PH	per hundred	PH				

See: *Overview of Code Conversion, Oracle EDI Gateway User's Guide, Release 11.*

Inbound Purchase Order (850 / ORDERS)

Please add the following section after the "Interface Tables" section:

Error Detection, Reporting, Correction, and Recovery

See the *Oracle Financials Open Interfaces Manual, Release 11* for details regarding the OrderImport Open Interface table layout and import program business rules for validation, defaults, and derivations.

See: *Inbound Purchase Order (850 / ORDERS), Oracle EDI Gateway User's Guide, Release 11.*

Inbound Ship Notice / Manifest (856 / DESADV)

Prerequisite Setup in Oracle Purchasing

The documentation currently reads:

- Receiving Options: ASN Control: Action (action associated with RCV: Show ASN Matched POs profile)

Instead, it should read:

- In the Receiving Options window, set the ASN Control to Name / Reject / Warning to indicate treatment the of the inbound ASN if the Purchase Order shipment exists.

  Set the RCV: Show ASN Matched POs profile option to Yes or No. A value of Yes indicates that the original Purchase Order shipment line is displayed in Find Expected Receipts in addition to the ASN Shipment line.

See:

Receiving Open Interface, *Oracle Manufacturing and Distribution Open Interfaces Manual, Release 11.*

Inbound Ship Notice / Manifest (856 / DESADV), Oracle EDI Gateway User's Guide, Release 11.

Inbound Shipping and Billing Notice (857)

Prerequisite Setup in Oracle Purchasing

The documentation currently indicates that there are no setup steps in Purchasing.

Instead, it should read:

- In the Receiving Options window, set the ASN Control to Name / Reject / Warning to indicate treatment the of the inbound ASN if the Purchase Order shipment exists.

  Set the RCV: Show ASN Matched POs profile option to Yes or No. A value of Yes indicates that the original Purchase Order shipment line is displayed in Find Expected Receipts in addition to the ASN Shipment line.

See:

Receiving Open Interface, *Oracle Manufacturing and Distribution Open Interfaces Manual, Release 11.*

Outbound Payment Order / Remittance Advice (820 / PAYORD, REMADV)

Interface Table, Extension Table, and View Names

Please append the following section:

Important Codes

Seq.	Data Element	Record No.	Pos.	Len.	Payables	Definition	Valid Codes
Account / Bank Level:							
1	EDI Transaction Handling (BPR01 / DE305)	1000	10	25	Required if electronic payment	Code designating the action to be taken by all parties	**C**: payment accompanies remittance **D**: make payment only **I**: remittance information only **U**: split payment and remittance
2	EDI Payment Method (BPR01 / DE591)	1000	60	25	Required if electronic payment	Code used to designate the actual funds transfer method	**ACH**: Automatic Clearing House **BACS**: Bankers Automatic Clearing System **BOP**: Financial Institution Option **CWT**: Clearing House Inter–bank Payment System (CHIPS) Funds / Wire transfer **FEW**: Federal Reserve Fund / Wire Transfer Repetitive **FWT**: Federal Reserve Fund / Wire Transfer non–repetitive **SWT**: Society for Worldwide Inter–bank Financial Telecommunications (SWIFT) **ZZZ**: Mutually defined

Seq.	Data Element	Record No.	Pos.	Len.	Payables	Definition	Valid Codes
3	EDI Payment Format (BPR05 / DE812)	1000	80	25	Required if electronic payment	Code identifying the payment format to be used	**CCD**: Cash Concentration / Disbursement (CCD) (ACH) **CCP**: Cash Concentration / Disbursement plus addenda (CCD) (ACH) **CTP**: Corporate Trade Payment (CTP) (ACH) **CTX**: Corporate Trade Exchange (CTX) (ACH) **PPD**: Prearranged Payment and Deposit (PPD+) (ACH) **PPP**: Prearranged Payment and Deposit plus addenda (PPD+) (ACH)
4	Bank Branch Type (BPR06 / DE506) (needs code conversion)	1000	100	25	Required if electronic payment	Code identifying the type of identification number of Depository Financial Institution (DFI)	**ADA**: American Bank Association (X12 has code 01) **CHIPS**: (X12 had code 03) **SWIFT**: (X12 has code 02)
5	EDI ID Number (for bank site). Not needed in the EDI Gateway.	1000	150	30	Not required		
Payment / Supplier Level:							
6	EDI Remittance Method	1010	30	25	Not required		EDI to payer's bank EDI to payee bank EDI to payee EDI to third party Do not route
7	EDI Remittance Instruction	1010	40	80	Not required		Free form text

Seq.	Data Element	Record No.	Pos.	Len.	Payables	Definition	Valid Codes
8	EDI Payment Method				Required	Code to indicate EFT, electronic, wire, or check. The EDI Gateway only extracts those marked "electronic."	Check Clearing Electronic Wire
9	EDI ID Number (for supplier site). Not needed in the EDI Gateway	1020	30	30	Not required		

See: *Outbound Payment Order / Remittance Advice (820 / PAYORD, REMADV), Oracle EDI Gateway User's Guide, Release 11*

Overview of Trading Partners

EDI in a Multi–Organization Environment

The sentence on extracting data from multi–organization environments currently reads:

- If you intend to extract data from multiple organizations, you must switch to Transactions associated with other organizations will not successfully cross–reference the trading partner's location codes.

Instead, it should read:

- If you intend to extract data from multiple organizations, you must run transactions separately on each organization. Transactions associated with other organizations will not successfully cross–reference the trading partner's location codes.

Separate Transactions by Location

Please append the following text:

The following table is a sample of separating transactions into different locations by sending trading partner:

Sending Trading Partner			Receiving Trading Partner		
Sending trading partner	Assume items must be booked to different organizations	Send to EDI mailbox and functional group (determined by location for the transaction)	Receiving trading partner (separate each location into separate files for processing in the EDI Gateway)	Organization	Note
External location code 'ABC–A' for 11 State St., Chicago IL	Enter orders for items A, B, and C	Mailbox 123456; functional group 90	Internal location code 'XYZ–1' for 11 State St., Chicago IL	'A' for this location	The EDI translator writes data from EDI mailbox 123456 with functional group 90 to the file for organization 'A' for the EDI Gateway
External location code 'ABC–B' for 11 State St., Chicago IL	Enter orders for items X, Y, Z	Mailbox 123456; functional group 91	Internal location code 'XYZ–2' for 11 State St., Chicago IL	'B' for this location	The EDI translator writes data from EDI mailbox 123456 with functional group 91 to the file for organization 'B' for the EDI Gateway

The following table is a sample of separating transactions into different electronic envelopes or functional groups by sending trading partner:

Sending Trading Partner	Sending EDI Translator		Receiving EDI Translator
	Electronic envelope (X12 ISA or UN/EDIFACT UNB)	Functional group (X12 GS or UN/EDIFACT UNB)	
Transaction in location 'ABC–A' in their application	123456789	12345	Writes data from this functional group to file for organization 'A' processing
Transaction in location 'ABC–B' in their application	123456789	98765	Writes data from this functional group to file for organization 'B' processing

Test and Production Environments

The first paragraph currently reads:

- If you import a production transaction into either a production or test environment, or if you import a test transaction in a test environment, the open interfaces validate the data and load it into production tables.

Instead, it should read as follows:

- If you import a production or test transaction into a production environment, the open interface(s) validates the data and loads it into the production environment. If you import a production or test transaction into a test environment, the open interface(s) validates the data and loads it into the test environment.

Test Transaction to Production Environment

This section applies only to the Inbound Ship Notice / Manifest (856 / DESADV) and Inbound Shipping and Billing Notice (857) transactions.

See: *Overview of Trading Partners, Oracle EDI Gateway User's Guide, Release 11*

Defining Trading Partner Data

In step 4, the bullet that reads:

- To update an existing trading partner in a trading partner group, enter the trading partner location code and description.

Instead, this should read:

- To update an existing trading partner in a trading partner group, enter the trading partner code.

See: *Defining Trading Partner Data, Oracle EDI Gateway User's Guide, Release 11*

Provide Additional Values

The paragraph that currently begins with the following sentence:

- The ECE_TP_HEADERS and ECE_TP_DETAILS tables have additional ATTRIBUTE* columns.

This should read:

- The ECE_TP_HEADERS table has additional ATTRIBUTE* columns."

See: *Overview of Data File Structure, Oracle EDI Gateway User's Guide, Release 11*.