ELECTRONIC INVOICE AND REMITTANCE IMPLEMENTATION GUIDE

250 BYTE FIXED LENGTH INVOICE RECORDS
80 BYTE FIXED LENGTH REMITTANCE RECORDS
CSV REMITTANCE FORMAT

FedEx Express
FedEx Ground

March 2023

This version is effective as of March 2023. Prior to implementation, contact EDI-InvandRemit@fedex.com to ensure you have the latest version available.

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Adjustment Reason Codes	37	March 2023
EDI Remittance Data File and Payment Best Practices	6	December 2022
FedEx Freight Bill Audit and Pay (FBAP) Certification Program	10	October 2022
Payment Guidance - U.S. Payor Only	6	October 2022

Introduction

The purpose of this guide is to assist electronic data trading partners with information about implementing an Electronic Data Interchange (EDI) process with FedEx for Invoicing and Remittance data of FedEx Express® and FedEx Ground® shipments. The guide discusses benefits of EDI and how to get started with implementation. This guide will also provide resources for obtaining additional information.

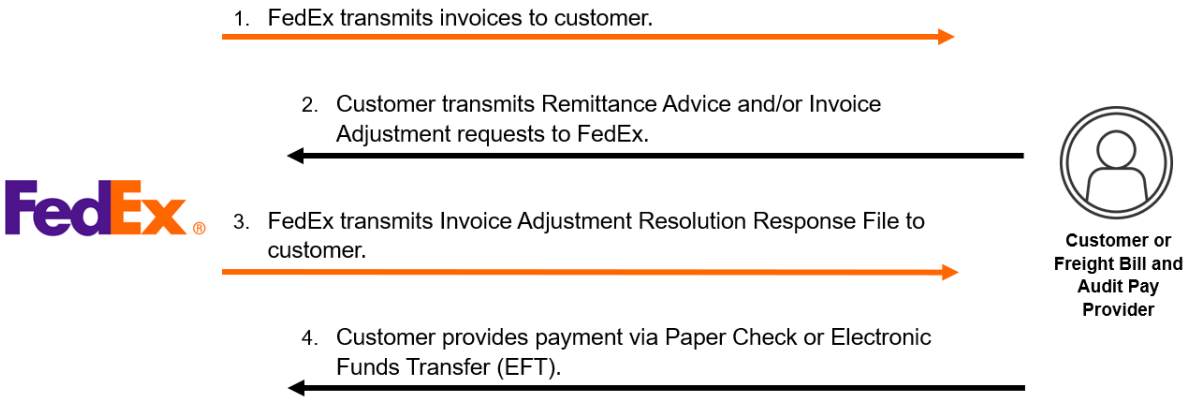
What is EDI?

Electronic Data Interchange (EDI) is the electronic exchange of business documents using a standardized format. The entities that transmit or receive this electronic data are called trading partners. EDI can be used to transfer invoice and remittance data for FedEx Express and Ground shipments between FedEx and authorized trading partners.

EDI processing helps FedEx deliver top-quality service that takes advantage of advanced information management technology. EDI can help customers increase efficiency while reducing errors and operating costs. Additional specific benefits of implementing EDI with FedEx include:

- Reduced paper handling and mailing costs. In most cases the costs to transmit an electronic document is considerably less than mailing costs.
- Invoices for multiple FedEx accounts can be combined into a single transmission. Electronic invoicing enhances your control over accounts payable, even when shipments originate from multiple sites.
- Eliminates keying of invoice data and reduces errors, so you'll spend less time and effort verifying and processing your bills.
- Electronic invoicing provides convenient verification of shipping charges and proof of delivery (FedEx Express only).
- Electronic invoicing allows for quick and accurate allocation of shipping costs to internal departments and third parties, streamlining your accounting and improving cash flow.
- Invoice adjustments can be submitted electronically.
- Multiple data formats allow easy integration with Accounts Payable processes.

Electronic Data File Process Flow



Guidelines and Limitations

In addition to the terms and conditions stated in the FedEx Service Guide:

- **To be eligible for electronic invoicing, you must send your remittance data electronically** (US). Payment can be made via paper check or Electronic Funds Transfer (EFT).
- Past due charges will be sent electronically unless otherwise specified. In accordance with the FedEx Service Guide, payment must be made within 15 days of the invoice date.
- Packaging Supplies/Retail Sales and Electronic Export Information/EEI charges will be included with EDI files unless otherwise requested.
- On your normal billing cycle, you will receive an invoice file for all account numbers requested to be billed electronically.
- All shipments billed to the accounts that you provide to us for electronic invoicing will be included in the invoice transmission with the exception of Same Day Service.
- You can receive Intra-U.S. and International invoices (separate invoice files) for both Express and Ground.
- Duty/tax invoices for International shipments will be included in the International file. Unless otherwise instructed.
- Electronic documents are not considered “received” until they are accessible on the receiving mailbox.
- Electronic documents transmitted for electronic invoice and remittance are considered written documents. They constitute an original when they are printed from electronic files or records established and maintained in the course of business.
- Failure to retrieve electronic invoice files in a timely manner may result in termination of electronic invoicing by FedEx. Paper invoicing will resume.
- Lack of reference data provided by the shipper is NOT a valid reason for invoice adjustments.
- Short payment problems identified by FedEx that are related to programming in your accounts payable system or databases must be corrected immediately.
- FedEx may modify electronic invoice and remittance formats at any time.
- After implementation, either party can terminate electronic invoice and remittance with prior notice.

- Shipments are governed by service conditions in the current FedEx Service Guide and Addendum.
- If there is a conflict between this guide and the FedEx Service Guide, the Service Guide will take precedence.

Duty/Tax Invoicing

The following guidelines and limitations apply to the FedEx Electronic Duty/Tax Invoicing process:

- Duty/tax adjustment requests may not be submitted electronically – these must be submitted in writing.
- Duty/tax Customs documentation may be mailed or available online.
- The duty/tax tracking number in the duty/tax record will be the same tracking number used for the transportation charges of the shipment.
- The International freight charges and duty/tax charges may be billed on separate invoices and may appear in different electronic invoice files.

Transmissions

FedEx will transmit your invoice files either daily or weekly on your preferred billing day. The following guidelines and limitations apply:

- Your ERS Analyst will assign a mailbox to you on our network, FedEx Net.

- At no cost to you, FedEx will pay for the transmission of invoice and remittance files to an electronic mailbox or to a value-added network of our choice. However, if you choose a different network, FedEx pays the costs of the transmission interconnect only. Your company is responsible for all charges from your value-added network provider.

- You will provide and maintain your equipment, software, services, and testing necessary to effectively and reliably send and receive electronic documents.

- You are responsible for using proper mailbox procedures to ensure that all electronic documents are duly authorized and protected from improper access.

Remittance Data Files and Payment Information

Remittance Data File Information

For an explanation of how to structure a remittance/invoice adjustment file, refer to the Remittance Record Layout section.

Payment Guidance - U.S. Payor Only

- If paying by **paper check**:
  - ♦ Mail paper checks via the USPS to Attn: FedEx EDI, P.O. Box 371741, Pittsburgh, PA 15250-7741.
  - ♦ Ship Overnight Letters to Attn: FedEx EDI, Box 371741, 500 Ross Street, Room 154-0455, Pittsburgh, PA 15250-7741.

  .
- If paying by **ACH/EFT**:
  - ♦ Please email ACH-Request@fedex.com to request banking details.

NOTE: Non-U.S. accounts should contact the billing or Credit & Collections department of your Country/Territory for payment options and address.

EDI Remittance Data File and Payment Best Practices

1. The remittance data file may contain the intra-U.S. Ground and Express and International invoices (electronic or paper).
2. Customer must transmit to FedEx an EDI remittance data file containing invoice numbers only (preferred) or invoice and airwaybill numbers to indicate which shipments are being paid.
3. Pay full amount of invoice. If you pay all of the tracking numbers on an invoice, create only one payment record for that invoice
4. If you make a partial payment, create a separate record for each tracking number.
5. You have the option of submitting payments and invoice adjustments in the same remittance file, or in separate files.
6. EDI remittance data file header dollar amount must match detail lines total dollar amount within the EDI remittance data file.
7. There must be a one-payment-to-one-remittance-data-file ratio; the payment amount and remittance data file totals must match dollars/cents exactly.
8. The EDI remittance file reference number should be a unique number and included in the payment remarks field for ACH/EFT payments or on the paper check stub for check payments.
9. The remittance data file should arrive at FedEx prior-to or same-day-as the payment is deposited at the bank.
10. Please do *not* also email a remittance data file and/or print the invoice level detail on the check stub.
11. If paying any invoice that exceeds $99,999.99 by ***Credit Card*** be sure to:
    - Create additional records in the remittance data file for that same invoice number as needed until the amount of the invoice has been satisfied ensuring that no one invoice record exceeds $99,999.99.
    - Provide a unique, never been used before, Reference Number for each record pertaining to that same invoice number that is being paid. This will result in separate charges to the credit card equal to the payment amount provided for each unique Reference Number.

Note: Paying by credit card requires you to work with your FedEx Sales Representative to obtain approval and also requires additional EDI process setup. To request approval to pay by Credit Card, please contact your Sales Representative for next steps.

Electronic Invoice Adjustment Notification - U.S. Payor Only

You may also use the remittance file to dispute invoicing charges. These are referred to as invoice adjustment items. Once FedEx has processed the invoice adjustment items submitted in your remittance file, you will receive an electronic invoice adjustment resolution file. The invoice adjustment resolution file uses the same structure as the invoicing file. You will receive the invoice and tracking number detail along with the invoice adjustment information. The file will contain one of the following resolution types for each tracking number:

- Credit
- Denial
- Reject
- Other

NOTE:

- Duty/tax adjustment requests must be submitted in writing.
- Adjustment requests for service failure or no proof of delivery must be submitted through the invoice adjustment feature on fedex.com or the telephone invoice adjustment system at (800) 622-1147.

Communication / File Delivery Options

It is a FedEx Information Security requirement that customer data, both inbound and outbound, either be encrypted or be sent via a secured website. FedEx offers the following options for communication of data to trading partners.

sFTP (secure File Transfer Protocol)

sFTP (secure File Transfer Protocol) uses dedicated ports to transfer data securely between FedEx and the customer. The connection is secure so no certificates or keys need to be exchanged. This also means that the commands, as well as the passwords, are secure. This option uses secure shell (SSH) encryption and a binary transfer. The data can either be pushed or delivered to a mailbox on FedEx Net for customers retrieval

AS2

AS2 also known as EDI INT, or EDI over the internet is also supported by FedEx. AS2 essentially creates a wrapper around EDI or flat files that enables sending them over the Internet. AS2 is a real-time technology that provides security and encryption around the HTTP packets. It enables information transmitted over public and private global networks to be digitally signed, secured, and non-repudiated. The customer must have AS2 software to be able to use this option, but there are no network charges.

Secured Website

Trading Partners may wish to access their mailbox via a secured website. This is a manual process whereby the trading partner connects to a secure URL using a provided User ID and password. The FedEx Net website allows the trading partner to upload and download files. Only one file can be uploaded or downloaded at a time.

Value Added Network

FedEx has the ability to transmit to a Value-Added Network (VAN). GXS is the VAN FedEx uses and GXS can interconnect to the trading partner's VAN. There are transmission costs for this option. FedEx will incur up to 50% of the transmission costs.

Getting Started

Once you have decided to use electronic invoice and remittance, follow this guide for onboarding and implementation. If you need help along the way, consult the 'Resources' section.

You will need to successfully complete these steps before electronic invoice and remittance may begin:

1. Please send requests for electronic invoice testing to EDI-InvandRemit@fedex.com. Please include Company Name, Account Number, Contact Name, Contact Email, Contact Phone, and description of request.

2. If you need your Account Executive's name and telephone number, call Customer Service at 800-463-3339. Your Account Executive will submit the request to Electronic Revenue Support (ERS).

3. Program your system to read the invoice file FedEx sends you, process it through your Accounts Payable System, generate and send the remittance transmission (U.S. Payor only) (refer to the 'Invoice' section) and return to FedEx a remittance data file.

4. If you request invoice adjustments electronically, program your system to generate and send adjustment information and receive adjustment resolution files (U.S. Payor only) (refer to the 'Remittance/Adjustment' section).

5. Validate in coordination with FedEx (Refer to the Implementation Guide for details).

6. When electronic invoice process validation is complete and remittance (US payor only) testing is approved, provide a list of all shipping accounts and the associated company names you want implemented. At your requested production date, paper invoicing will be replaced with electronic invoicing.

Resources

WHAT IS NEEDED	WHAT TO DO
To request a specific EDI Implementation Guide:	Please email EDI-InvandRemit@fedex.com for assistance.
To validate Electronic Invoice & Remittance processes:	Please email EDI-InvandRemit@fedex.com for assistance.
To contact your account executive:	Obtain your account executive's name and telephone number by calling Customer Service at **800 463-3339 (800 Go FedEx).**
Answers to billing questions or to request Duties & Taxes adjustments:	Call FedEx Revenue Services at**: 800 622-1147** between 7 A.M. and 6 P.M. (CST).
To obtain service information:	Consult the current FedEx Service Guide. It is the official source for service offerings, delivery schedules, and conditions for Money-Back Guarantee. It is an essential reference for programming when auditing the invoice. To obtain the latest FedEx Service Guide visit http://www.fedex.com/us/service-guide/.

WHAT IS NEEDED	WHAT TO DO
FedEx Billing Online Technical Support	Call **877- 339-2774**, when prompted say: "**Billing Online**"
To obtain shipment data upload from FedEx approved devices assistance.	1. Contact the EDI Hotline at **855-408-9440** and select the EDI Electronic Package Data Interchange (EPDI) support option. OR 2. Email a request email to FedEx at **edihelp@fedex.com.**

FedEx Freight Bill Audit and Pay (FBAP) Certification Program

The FedEx Freight Bill Audit and Pay (FBAP) Certification program recognizes Freight Bill, Audit, and Pay Providers that have consistently met FedEx standards for receiving invoices electronically, processing, and remitting payment details, and managing disputes on behalf of customers. Although FedEx works with many Freight Bill, Audit, and Pay providers, only these providers have demonstrated their ability to effectively provide freight bill, audit, and payment services to their customers in accordance with FedEx standards, thereby earning recognition as a Certified FBAP Provider. For information about the FedEx Freight Bill Audit and Pay (FBAP) Certification program please visit FedEx Billing Solutions.

INVOICE RECORD LAYOUT

INVOICE SYNTAX

An invoice file may have multiple invoices. An invoice may have multiple tracking numbers. The last detail record will be followed by two Summary records. Numeric fields are right justified and zero filled if data is not provided. Alphanumeric fields are left justified and space filled if data is not provided. Each record is 250 bytes.

INVOICE FILE LAYOUT HEADER:

Invoice 1	HA1	INVOICE	1 record per invoice	Invoice number, date, total charge
	HA2	NAME	1 record per invoice	Name and address of billed account
	HA5	INVSUMMARY	1 record if any Express shipmen	weight and charges by payer type
	HA6	INVSUMMARY	1 record if any Ground shipmen	weight and charges by payer type

DETAIL:				
1st Tracking Number	DB1	NAME	1 per tracking number	Name and address of shipper
	DB2	NAME	1 per tracking number	Name and address of recipient
	DB4	NAME	1 optional record for address corrections	Name and original address of recipient, if corrected
	DB5	NAME	1 optional record for alternate pickup address	Alternate pick-up address (Ground)
	DC1	AIRBILL	1 per tracking number	Tracking number, service, net charges, Reference 1
	DC2	AIRBILLEXT	1 per tracking number	Bundle #, Reference 2 (Express), Reference 3 (Express)
	DD1	DELIVERY	1 per tracking number	Proof of Delivery and delivery exception information
	DE1	PACKAGE	1 per tracking number	Pieces, weight, declared value, Ground reference fields
	DE2	PACKAGEEXT	1 optional record, only for duties/taxes	For certain ancillary charges or France waiver
	DF1	CHARGE	Multiple, 1 for each charge component	Charge code, amount, exchange rate
	DG1	COMMODITY	1 optional record, only for duties/taxes	Country / Territory of manufacture and description

HEADER 2:

Invoice 2	HA1	INVOICE	1 record per invoice	Invoice number, date, total charge
	HA2	NAME	1 record per invoice	Name and address of billed account
	HA5	INVSUMMARY	1 record if any Express shipmen	weight and charges by payer type
	HA6	INVSUMMARY	1 record if any Ground shipments	Summarizes pieces, weight and charges by payer type

DETAIL:	
1st Tracking Number	Detail records above repeat, starting with DB1

SUMMARY:	SZ1	TRAILER	1 per file	Number of invoices, shipments, total charges
	SZ2	NAME	1 per file	FedEx Remittance Address

REMITTANCE RECORD LAYOUT (US Payers Only)

HEADER: One 80-byte record providing your check/reference number, settlement date if EFT, and Master EDI Account Number.
DETAIL: One 80-byte record for each invoice or tracking number or payment and /or invoice adjustment request; multiple records as needed.

Note: See page 50 if you prefer to send CSV remittance.

INVOICE ADJUSTMENT RESOLUTION FILE LAYOUT (US Payers Only)

The Invoice Adjustment Resolution file will contain all the records of an invoice file with the addition of the DW1 NONPAY record (after CHARGE). One NONPAY record will generate for each item submitted for an invoice adjustment using our remittance layout.

SEGMENT SYNTAX – LATE FEE ONLY INVOICE

If your billed account on EDI has past-due invoices for Express, Ground and SmartPost, and a late fee charge is assessed for the open balance, that will generate a new separate late fee only invoice to be included in your normally scheduled EDI transmission. The original invoice will remain the same, it will not be amended for a late charge. The late fee invoice for EDI accounts will contain late fees only, it will not include any transportation shipments or other charges. However, your invoice file may contain a combination of charges.

Please refer to 250-Byte file syntax shown on the following page.

All invoices will reflect HA1 Invoice Composition Code '011' for FedEx. Late fees on past-due invoices are not specific to any particular FedEx operating company. There will be no DC1AIRBILL Company Code value.

The DB1NAME record will generate as usual to signify the beginning of the tracking number detail. This record will only provide the billed account number (the same one as provided in the HA1INVOICE and HA2NAME header records). There will be no Payor Type provided (normally found on the DC1AIRBILL record); the payor party will always be the account owner (it can be treated as Bill Sender like non transportation Retail Sales).

A DC5LATEFEE record will be included to provide details about each past-due invoice while some of the usual transportation detail records will not be included.

A Late Fee invoice may include multiple tracking numbers, each representing a late fee assessment for a past-due invoice being assessed a late charge.

As the invoice is not a transportation charge, there will be no shipper or recipient/consignee information, no service code, no pieces or weight and no shipper provided reference.

A 250 example invoice also follows**.**

Late Fee Invoice Record Syntax

HA1INVOICE

HA2NAME

HA5INVSUMMARY

DB1NAME – provides billed account number with ‘SH’ qualifier, no other details

DC5LATE FEE - *NEW* (see following layout)

DF1CHARGE – new charge code ‘LF1’ for Late Fee Charge

As usual, the DB1, DC5, DF1 records can loop for each tracking number associated with the invoice number.

Records Not Provided

HA6INVSUMMARY

DB2NAME

DC1AIRBILL

DC2AIRBILLEXT

DD1DELIVERY

DE1PACK AGE

HA1 INVOICE RECORD – Existing Record Updates/New Codes

Positions	Size	Type	Comments
144	1	A	New Field: Late Fee Indicator, values Y or N
197-199	3	A	New Invoice Composition Code ‘011’ - Late Fee Invoice

DC5LATEFEE

Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**
Sort Field	A	2-3	2	**'C5'**
Record ID	A	4-13	10	**'LATEFEE'**
Invoice No.	A	14-22	9	Invoice number being billed
Filler	A	23-28	6	
Transaction #	N	29-40	12	Transaction/tracking number being invoiced
Filler	A	41-44	4	
Original Invoice Number	A	45-53	9	Past Due invoice being assessed a late fee
Filler	A	54-59	6	
Original Invoice Date	N	60-67	8	Original date of above past due invoice
Original Invoice Amount	N	68-82	15	Original full amount of past due invoice (size 13.2)
Original Invoice Amt Sign	A	83	1	'+'
Original Invoice Currency	A	84-86	3	Currency of original invoice
Late Fee Rate	N	87-91	5	Late Fee assessment Percent (size 3.2)
Late Fee Amount	N	92-106	15	Charge amt size 13.2 (same as DF1CHARGE amount)
Late Fee Amount Sign	A	107	1	'+'
Late Fee Amt Currency	A	108-110	3	Late Fee charge currency
Late Fee Date	A	111-118	8	Late Fee assessment date
Past Due Amount	N	119-133	15	Amount of original invoice being past due (size 13.2)
Past Due Amount Sign	A	134	1	'+'
Past Due Amt Currency	A	135-137	3	Currency of amount being assessed as late
Filler	A	138-250	113	

NON-TRANS INVOICE SYNTAX

There are two types of 'Non-Transportation' invoices:

1) Retail Sales - these are generally packaging supplies (such as boxes, mailers, bubble wrap, etc.) purchased at our service centers, including FedEx Office.
2) EEI - Electronic Export Information (previously known as SED/Shipper Export Declaration) For certain international shipments, this mandatory report filing must be made to the U.S. Government's Automated Export System (AES). The current government charge is $10.00. See www.fedex.com/us/sed or www.aesdirect.gov for more information.

INVOICE FILE LAYOUT

HEADER:

Invoice 1 HA1 INVOICE 1 record per invoice Invoice number, date, total charge
HA2 NAME 1 record per invoice Name and address of billed account HA5 INVSUMMARY 1 record if any Express shipments Total Charge **DETAIL**:
1st Tracking Number

DB1	NAME	Record will be blank	
DB2	NAME	Record will be blank	
DB4	NAME	1 per tracking number	Retail sales transaction location name and address
DC1	AIRBILL	Record will be blank	
DC2	AIRBILLEXT	Record will be blank	
DC3	NONTRANS	1 per tracking number	Summarizes Retail Sales & EEI transactions
DD1	DELIVERY	Record will be blank	
DE1	PACKAGE	Record will be blank	
DF1	CHARGE	Multiple, 1 for each charge component	Charge code, amount, unit price, quantity

2nd Tracking Number

DB1	NAME	Record will be blank	
DB2	NAME	Record will be blank	
DB4	NAME	1 per tracking number	Retail sales transaction location name and address
DC1	AIRBILL	Record will be blank	
DC2	AIRBILLEXT	Record will be blank	
DC3	NONTRANS	1 per tracking number	Summarizes Retail Sales & EEI transactions
DC4	AIRBILLMSG		
DD1	DELIVERY	Record will be blank	
DE1	PACKAGE	Record will be blank	
DF1	CHARGE	Multiple, 1 for each charge component	Charge code, amount, unit price, quantity

HEADER:

Invoice 2	HA1 INVOICE	1 record per invoice	Invoice number, date, total charge
	HA2 NAME	1 record per invoice	Name and address of billed account
	HA5 INVSUMMARY	1 record if any Express shipments	Total Charge

DETAIL:
1st Tracking Number Detail records above repeat, starting with DB1
SUMMARY:

SZ1	TRAILER	1 per file	Number of invoices, shipments, total charges
SZ2	Name	1 per file	FedEx Remittance Address

NOTE: Non-transportation invoices will be included in the US Domestic invoice feed.

REMITTANCE RECORD LAYOUT (US Payers Only)

HEADER:	One 80-byte record providing your check/reference number, settlement date if EFT, and Master EDI Account Number.
DETAIL:	One 80-byte record for each invoice or tracking number or payment and/or invoice adjustment request; multiple records as needed.

HEADER RECORD LAYOUT (HA1)

Field Name	Type	Position	Length	Comments
INVOICE				
Header	A	1	1	**'H'**
Sort Field	A	2–3	2	**'A1'**
Record ID	A	4–13	10	**'INVOICE'**
Invoice Number	A	14–22	9	
Filler	A	23–44	22	
***NOTE**: First 6 positions of filler are for future expansion of the Invoice Number*.				
Master EDI Number	A	45–53	9	Assigned by FedEx; not for shipping
Filler	A	54–56	3	For future expansion of the Master EDI Number.
Invoice Date	N	57–64	8	Format: YYYYMMDD
Bill-To Account Number	A	65–73	9	FedEx acct # invoice is billed to
Filler	A	74–76	3	For future expansion of the Bill-to-Account Number.
Total Invoice Charges	N	77–91	15	13.2
***NOTE**: The sum of all 'Net Charges' for all tracking numbers on an invoice.*				
***NOTE**: Non-Pay Resolution files will reflect the balance due remaining on the invoice*.				
Charge Sign	A	92	1	**'+'** or **'–'**
Currency Code	A	93-95	3	Billing Currency
Number of Tracking Transactions	N	96-100	5	Total number of transactions on the invoice
GSA Contract Number	A	101-125	25	Applies to U.S. Gov't. customers only
Invoice Type	A	126	1	'O'–Original 'P'–Past Due 'N'–Non-Pay 'B'–Balance Due 'R'–Resend 'F'–Final Demand 'D'–Demand for Payment
Invoice Message Code	A	127-131	5	(FOR FUTURE USE)
Invoice Message Code	A	132-136	5	(FOR FUTURE USE)
Invoice Message Code	A	137-141	5	(FOR FUTURE USE)
***NOTE**: (FOR FUTURE USE) Invoice Message Code is not applicable in NONPAY Resolution records*.				
Settlement Option	A	142–143	2	'**D'**–Intra-U.S. '**I'**–International '**C'**–Customs '**M'**–Int'l Mixed (duty/tax) (frt & duty/tax)
***NOTE**: The 'Settlement Option' for Retail Sales and EEI Non-Trans transactions will be 'D' for Domestic*.				
For FedEx Use Only	A	144–175	32	
For FedEx Use Only	A	176–184	9	
For FedEx Use Only	A	185–186	2	
Customer Store Number	A	187–196	10	
***NOTE**: The 'Customer Store Number' field applies to the Billed Account*.				
Invoice Composition Code	A	197–199	3	'001' – FedEx Express only '002' – FedEx Ground only '003' – FedEx Express & ground '004' – Non-Trans transactions only '005' – FedEx Express & Non-Trans '006' – FedEx Express & Ground & Non-Trans '008' – SmartPost transactions only '009' – SmartPost transactions plus

Field Name	Type	Position	Length	Comments
				Express (with or without round) '010' – SmartPost transactions plus Ground

Field Name	Type	Position	Length	Comments
For FedEx Use Only	A	200	1	
Filler	A	201–250	50	
NOTE: *INVOICE HEADER is followed by one NAME record for the Bill-To address of the account number billed.*				
NAME				
Header	A	1	1	**'H'**
Sort Field	A	2-3	2	**'A2'**
Record ID	A	4-13	10	**'NAME'**
Invoice Number A 14-22 9				
NOTE*: For future expansion of the Invoice Number.*				
Qualifier	A	45–46	2	'BT'—Bill-To
Bill-To Account Number	A	47–55	9	
Filler	A	56–58	3	
NOTE*: For future expansion of the Bill-to Account Number*				
Contact Name	A	59–93	35	
Company Name	A	94–128	35	
Address Line 1	A	129–163	35	
Address Line 2	A	164–198	35	
City	A	199–228	30	
State/Province	A	229–230	2	
Zip/Postal Code	A	231–240	10	
Country / Territory Code	A	241–242	2	
Filler	A	243–250	8	

INVSUMMARY

***NOTE**: This '**INVSUMMARY'** record summarizes the total number of packages, total weight and total charges for each payment type (Bill Shipper, Bill Recipient, Bill Third Party) as well as the combined total packages, total weight and total charges for all payment types*

Field Name	Type	Position	Length	Comments
Header	A	1	1	**'H'**
Sort Field	A	2–3	2	**'A5'** or **'A6'**
Record ID	A	4–13	10	**'INVSUMMARY'**
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–44	22	
Qualifier	A	45–46	2	'FE'— Express 'FG' - Ground
***NOTE**:* • *Express shipments will reflect an 'A5' in the 'Sort Field' followed by an 'FE' qualifier; Ground Shipments will reflect an 'A6' in the 'Sort Field' followed by an 'FG' qualifier.* • *The following 'Bill Sender Pieces' and Bill Sender Weight' fields will not include Non-Transportation transactions, however, the 'Bill Sender Charges' and 'Total Charges' fields will include Non-Transportation transactions.* • *The billed weights may occasionally be different from the sum of the individual weights of the DE1 records due to rounding.*				
Bill Sender Pieces	N	47–51	5	
Weight Unit by Payor	A	52	1	'L' - Pounds 'K' - Kilograms
Bill Sender Weight	N	53–59	7	6.1
Bill Sender Charges	N	60–74	15	13.2
Charge Sign	A	75	1	'+' or '-'
Bill Recipient Pieces	N	76–80	5	
Weight Unit by Payor	A	81	1	'L' – Pounds 'G' - Kilograms
Bill Recipient Weight	N	82–88	7	6.1
Bill Recipient Charges	N	89–103	15	13.2
Charge Sign	A	104	1	'+' or '-'
Bill Third Party Piece	N	105–109	5	
Bill Third Party Unit by Payor	C	110	1	
Third Party Weight	N	111–117	7	6.1
Bill Third Party Charges	N	118–132	15	13.2
Charge Sign	A	133	1	**'+'** or **'-'**
Total Pieces	N	134–138	5	
Weight Unit by Payor	A	139	1	'L'–Pounds
				'K' - Kilograms
Bill Third Party Charges	N	118–132	15	13.2
Charge Sign	A	133	1	**'+'** or **'-'**
Total Pieces	N	134–138	5	
Weight Unit by Payor	A	139	1	'L'–Pounds
				'K' - Kilograms
Total Weight	N	140–146	7	6.1
Total Charges	N	147–161	15	13.2
Charge Sign	A	162	1	**'+'** or
Currency Code	A	163–165	3	Billing Currency
GST/HST Number	A	166–174	9	'121832950'
				'HA5' record - FedEx Express '140728460'
				'HA6' record – FedEx Ground
QST Number	A	175–184	10	'1003874920'
				'HA' record – FedEx Express '1018940643'
				'HA6' record – FedEx Ground
NOTE: The 'GST/HST Number' and 'QST Number' fields are applicable to Canada payors only.				
Pickup Contract Flag				
EU VAT or MY GST Number	A	185–209	25	European Union customer VAT Number or Malaysia (MY) Customer Number
FedEx Branch Registered VAT or GST GSTNumber for	A	210–234	25	VAT Number for European Union countries or FedEx Malaysia
GST/HST Number Extension	A	235-240	6	
QST Number Extension	A	241-246	6	
Filler	A	247-250	4	

DETAIL AIRBILL RECORD LAYOUT

The beginning detail consists of two NAME records, one for the shipper and one for the recipient. Different qualifiers distinguish the two.

NAME (B1)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**
Sort Field	A	2—3	2	**'B1'**
Record ID	A	4—13	10	**'NAME'**
Invoice Number	A	14–22	9	
Filler	A	23–28	6	
***NOTE**: For future expansion of the Invoice Number*.				
Tracking Number	A	29–40	12	Tracking number identifying shipment
***NOTE**: For customer level **ground** charges the Tracking Number will be systematically generated and not related to any specific package Tracking Number.*				
Filler	A	41-44	4	
***NOTE**: For future expansion of the Tracking Number*.				
Qualifier	A	45–46	2	'SH'—Shipper
Shipper Account Number	A	47–55	9	Express or Ground only if shipper is party billed; if not billed as shipper, field is space filled. Ground account level charges will be zero filled.
Filler	A	56-58	3	
***NOTE**: For future expansion of the Shipper Account Number*.				
Contact Name A 59–93 35 Company Name A 94–128 35 Address Line 1 A 129– 163 35				
Address Line 2	A	164–198	35	
City	A	199–228	30	
State/Province A 229–230 2 Zip/Postal Code A 231–240 10				
Country / Territory Code	A	241–242	2	
Filler	A	243–250	8	
***NOTE**: NAME record repeats with new Qualifier*.				

NAME (B2)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**
Sort Field	A	2—3	2	**'B2'**
Record ID	A	4—13	10	**'NAME'**
Invoice Number	A	14–22	9	
Filler	A	23–28	6	
***NOTE**: For future expansion of the Invoice Number*.				
Tracking Number	A	29–40	12	Tracking # identifying shipment
***NOTE**: For customer level **ground** charges the Tracking Number will be systematically generated and not related to any specific package Tracking Number.*				
Filler	A	41-44	4	
***NOTE**: For future expansion of the Tracking Number*.				
Qualifier	A	45–46	2	'CN'-Consignee (Recipient)
Billed Account Number	A	47–55	9	Only if recipient is party billed; if not billed as recipient, field is space filled.
Filler	A	56-58	3	
***NOTE**: For future expansion of the Consignee Account Number*.				
Contact Name A 59–93 35 Company Name A 94–128 35 Address Line 1 A 129– 163 35				
Address Line 2	A	164–198	35	
City	A	199–228	30	
State/Province A 229–230 2 Zip/Postal Code A 231–240 10				
Country / Territory Code	A	241–242	2	
Filler	A	243–250	8	

'D-B3' NAME RECORD NOTE:	If the delivery address listed on the shipping document was corrected by FedEx, the original address (if available) will follow in an additional NAME record, with a Qualifier of 'KN' and a Sort Field of 'B3'. This is only applicable to Intra-U.S. Express and Ground Service.

NAME (B4)

Field Name	Type	Position	Length	Comments
***NOTE**: The DB4 'NAME' Record is an optional record currently applicable for Non-Trans Retail Sales transactions only.*				
Detail	A	1	1	**'D'**
Sort Field	A	2—3	2	**'B4'**
Record ID	A	4—13	10	**'NAME'**
Invoice Number	A	14–22	9	
Filler	A	23–28	6	
***NOTE**: For future expansion of the Invoice Number*.				
Tracking Number	A	29–40	12	Non-Trans transaction being invoiced
Filler	A	41-44	4	
***NOTE**: For future expansion of the Tracking Number*.				
Qualifier	A	45–46	2	"RS"
Billed Account Number	A	47–55	9	
Filler	A	56-58	3	
***NOTE**: For future expansion of the Billed Account Number*.				
Contact Name	A	59–93	35	
Company Name	A	94–128	35	'FEDEX'
Address Line 1	A	129–163	35	Purchase Address
Address Line 2	A	164–198	35	
City	A	199–228	30	Purchase City
State/Province	A	229–230	2	Purchase State/Province
Zip/Postal Code	A	231–240	10	Purchase Zip/Postal Code
Country / Territory Code	A	241–242	2	Purchase Country / Territory Code
Filler	A	243–250	8	

NAME (B5)

Field Name	Type	Position	Length	Comments
NOTE: *This is an optional record for Ground customers who request a pickup at an alternate address. (An alternate pickup is a **Ground** weekly service type charge.) It will generate one billing transaction number (tracking number) as relayed on a DC1 AIRBILL record, with one DB5 NAME record supplying the alternate pickup address, and a DF1 CHARGE record (charge code '784'). You can also refer to the DC2 record where positions 186–208 will reference a tracking number that had an alternate pickup address which caused this transaction to generate.*				
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'B5'** (This record for GROUND only)
Record ID	A	4–13	10	**'NAME'**
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–28	6	
NOTE: For future expansion of the Invoice Number.				
Transaction number	A	29-40	12	Transaction number being billed
Filler	A	41–44	4	
Qualifier	A	45–46	2	'AA'— Alternate Address
Billed Account Number	A	47–55	9	
Filler	A	56–58	3	
Contact Name	A	59–93	35	Pickup Contact
Company Name	A	94–128	35	Pickup Company
Address Line 1	A	129–163	35	Pickup Street Address
Address Line 2	A	164–198	35	Pickup Street Address
City	A	199–228	30	Pickup City
State/Province	A	229–230	2	Pickup State/Province
Zip/Postal Code	A	231–240	10	Pickup Zip/Postal Code
Country / Territory Code	A	241–242	2	Pickup Country / Territory Code
Filler	A	243–250	8	

AIRBILL (DC1)

	Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**	
Sort Field	A	2-3	2	**'C1'**	(Non-Trans will use the DC3 record)
Record ID	A	4-13	10	**'AIRBILL'**	
Invoice Number	A	14-22	9		
Filler	A	23-28	6	*(Future expansion of the invoice number)*	
Tracking Number	A	29-40	12	Tracking # identifying shipment	
Filler	A	41-44	4	*(Future expansion of the tracking number)*	
Ship Date	A	45-52	8	Format: CCYYMMDD	
***NOTE**: Customer level charges and out of cycle charges will reflect the service rendered date.*					
Billing Source	A	53-54	2	'1'– Manual (Waybill/Manifest) '9'– Automated Source	
***NOTE**: Customer level charges and out of cycle charges will reflect the service rendered date. Space-filled for Ground Service.*					
Commerce Type	A	55-56	2	'D'–U.S. Freight 'I'–Int'l Freight 'C'–Customs (duty/tax) 'M'– Int'l Mixed (freight & duty/tax)	
***NOTE**: Commerce Type 'M' (Int'l Mixed - freight & duty/tax) available for Canada only.*					
Service Base	N	57-58	2	**See Codes Dictionary for list of available codes**	
Service Packaging	N	59-60	2	**See Codes Dictionary for list of available codes**	
Payment Payor	N	61	1	'1'–Bill Shipper '2'–Bill Recipient '3'–Bill Third Party	
Reference Notes	A	62-101	40	If provided by shipper	
***NOTE**: Reference Notes are limited to 40 characters if shipped from an automated source. US air bill shipments, Ground Shipments and International Shipments are limited to 24 characters.*					
Net Charges	N	102-116	15	13.2, implied decimal	
***NOTE**: The sum of all 'Billed Charge Amounts' for all CHARGE records on a tracking number.*					
Charge Sign	A	117	1	'+' or '–'	
Currency Code	A	118-120	3	Billing currency	
Rebill Indicator	A	121	1	'1' or (Space) – First Billing '2'– Rebilled	
Pre-rate Indicator	A	122-123	2	'Y'—charges calculated in advance (Space)—charges not pre-rated	
Rate Scale	A	124-130	7	FedEx Express pricing scale or 'GROUND' or 'SMARTPO'	
Region/Zone Code	A	131–132	2	Identifies shipping region	
Region Origin Zip	A	133–135	3	First three digits of origin station zip (US/CA)	
Filler	A	136–138	3		
Filler	N	139–141	3		
# of Distribution Addresses	N	142–146	5		
Form ID	A	147–150	4		
C.O.D. Check Amount	N	151–165	15	C.O.D. Cross-Ref Tracking #	
	A	166–177	12		
Filler	A	178–181	4		
Tracking Number Message Code	A	182–186	5	**See Codes Dictionary for list of available codes**	
Tracking Number Message Code	A	187–191	5	**See Codes Dictionary for list of available codes**	
Tracking Number Message Code	A	192–196	5	**See Codes Dictionary for list of available codes**	
Tracking Number Message Code	A	197–201	5	**See Codes Dictionary for list of available codes** Tracking Number	
Message Code	A	202–206	5	**See Codes Dictionary for list of available codes**	
***NOTE**: Tracking Number Message Codes are 5 bytes each and may occur up to five times.*					
Consolidated Account (ICPC)	A	207–215	9	Non-U.S. EDI Masters Only	
***NOTE**: The 'Consolidated Account' field is applicable to International Express shipments only.*					
Filler	A	216	1		
Tender Date	A	217-224	8	If different from Ship Date	
Company Code	A	225	1	'2' – FedEx Express '3' – FedEx Ground '9' – FedEx SmartPost	
Miscellaneous Description Code	A	226–228	3	**See Codes Dictionary for list of available codes** (For Ground Service only)	
Miscellaneous Description Code	A	229–231	3	**See Codes Dictionary for list of available codes** (For Ground Service only)	

	Field Name	Type	Position	Length	Comments
Miscellaneous Description Code	A	232–234	3		**See Codes Dictionary for list of available codes** (For Ground Service only)
Ground Service Code	A	235–237	3		**See Codes Dictionary for list of available codes** (For Ground Service only)
Multi weight ID/ Performance Pricing ID	A	238–246	9		For Ground Service only
Non-Duplicate Tracking Number Indicator	A	247	1		'Y' indicates the repetitive tracking number has been validated as a unique shipment for Express
Rating Indicator	A	248–249	2		'FR' - FedEx One Rate (Flat Rate)
Filler	A	250	1		

AIRBILLEXT (DC2)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'C2'**
Record ID	A	4–13	10	**'AIRBILLEXT'**
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–28	6	(Future expansion of the invoice number)
Tracking Number	A	29–40	12	Tracking # identifying shipment
Filler	A	41–44	4	(Future expansion of the tracking number)
Past-Due Indicator	A	45	1	'Y'– Yes '(Space)'– No
Past-Due Invoice Number	A	46–54	9	First invoice number recognized as past-due for Earned/Bonus Discount purposes.
NOTE: *The 'Past-Due Indicator' and 'Past Due Invoice Number' fields are applicable only if enrolled in Earned/Bonus Discount program.*				
Filler	N	55-61	7	
Automation Device Name	A	62-66	5	If applicable
NOTE*: The 'Automation Device Name' field, if applicable, is for Express shipments only. Not available for Ground or International shipments.*				
Shipper Department	A	67-91	25	From automated device, if applicable
NOTE*: The 'Shipper Department' field is applicable for Domestic Express shipping only.*				
Bundle Number	N	92-98	7	If applicable
Returns Merchandise Authorization	A	99-118	20	Express Shipments; SmartPost Service Number
Reference Notes 2	A	119-148	30	Express Shipments Only
Reference Notes 3	A	149-178	30	Express Shipments Only
Zone Jump Postal Code	A	179-185	7	Ground Drop Shipments Only
Cross Reference Tracking Number	A	186-205	20	Ground Shipments Only Master Tracking
Number	A	206-217	12	Express Shipments Only
NOTE*: For Express IPD and IPDF shipments (Service Base codes '18' and '84' in the DC1 record), when shipped on a FXRS or CAFÉ device, this field will relay the 'Master Tracking Number' for the associated children tracking numbers.* □ *When the 'Tracking Number Message Code' (DC1 record positions 182-206) is '13028', this field will provide the Master Tracking Number for a FedEx International Direct Distribution shipment*				
Automation Device Number	N	218–226	9	If applicable
NOTE*: The 'Automation Device Number', if applicable, is for Express shipments only. Not available for Ground shipments.*				
Original Tracking Number	A	227-246	20	
NOTE*: The 'Original Tracking Number' is applicable to Express and Ground shipments and is used when '47007' (related to Return Shipments) appears in the DC4, positions 45-49.*				
Return Shipment Type	A	247-249	3	
Filler	A	250	1	

NONTRANS (DC3)

Field Name	Type	Position	Length	Comments
***NOTE**: The DC3 'NONTRANS' Record is an optional record currently applicable for Non-Transportation Retail Sales and/or EEI (Electronic Export Information) transactions only. These do not invoice shipment movement.*				
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'C3'**
Record ID	A	4–13	10	**'NONTRANS'**
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–28	6	
Transaction Number	N	29–40	12	Transaction number being invoiced
Filler	A	41–44	4	
Transaction Date	N	45–52	8	Format: CCYYMMDD
Billing Service Type	A	53–54	2	'RS'– Retail Sales 'EI'– EEI (SED)
Net Charge	N	55–69	15	13.2
Charge Sign	A	70	1	'+' or '–'
Currency Code	A	71–73	3	Billing currency
Company Code	A	74	1	'2'–Express '3'–Ground Payment
Payor N 75 1 '4'–Bill Requestor ITN A 76–90 15 AES Internal Transaction Number				
***NOTE**: The 'ITN' is created by the government's Automated Export System 'AES'.*				
Recipient	A	91–120	30	Recipient Company Name (EEI's only)
Destination City	A	121–150	30	City (EEI's only)
Country / Territory	A	151–152	2	Country / Territory Code (EEI's only)
Purchaser Name	A	153–187	35	Retail Sales Only
Filler	A	188–250	63	

AIRBILLMSG (DC4)

Field Name	Type	Position	Length	Comments
***NOTE**: The DC4 AIRBILLMSG Record is an optional record that will generate whenever all five Message fields on the DC1record are already populated, or for certain codes with additional related message details, which will follow after the message code.*				
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'C4'**
Record ID	A	4–13	10	**'AIRBILLMSG'**
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–28	6	(Future expansion of the invoice number)
Tracking Number	A	29–40	12	Tracking # identifying shipment
Filler	A	41–44	4	(Future expansion of the tracking number)
Tracking Number Message Code	A	45–49	5	**See Codes Dictionary for list of available codes**
Message Data 1	A	50–74	25	Variable message data
Message Data 2	A	75–99	25	Variable message data
Message Data 3	A	100–124	25	Variable message data
Message Data 4	A	125–149	25	Variable message data
Message Data 5	A	150–174	25	Variable message data
Filler	A	175–250	76	Variable message data

DELIVERY (DD1)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'D1'**
Record ID	A	4–13	10	**'DELIVERY'**
Invoice Number	A	14–22	9	
Filler	A	23–28	6	(Future expansion of the invoice number)
Tracking Number	A	29–40	12	Tracking number identifying shipment
Filler	A	41–44	4	(Future expansion of the tracking number)
Pick-up Code	A	45–46	2	'1'–Regular Pick-up '2'–On Call Pick-up '3'–Dropped Off at FedEx Drop Box '4'–BSC Drop Off '5'–Station Drop Off
Origin ID	A	47–49	3	International Express Service Only
Destination ID	A	50–52	3	International Express Service Only
Handling Code	A	53	1	'H'– Hold 'D'– Delivery or (space)
***NOTE**: Delivery Exception Code, Attempt Date/Time, Recipient Signature, Delivery Schedule Code and Final Disposition Code are not available for Ground Service. Actual Delivery Date may or may not be available for Ground Service.*				
Delivery Exception Code	A	54–56	3	**See Codes Dictionary for list of available codes**
***NOTE**: You may also need to refer to the 'Handling Code' above in position 53 for 'Hold at Station' instructions.* Attempt Date N 57–64 8 Format: CCYYMMDD				
Attempt Time	N	65–68	4	Format: HHMM
Actual Delivery Date	N	69–76	8	Format: CCYYMMDD
Actual Delivery Time	N	77–80	4	Not available for Ground Service
Recipient Signature	A	81–102	22	Not available for Ground Service
***NOTE**: The 'Recipient Signature' field may contain the message, "Incorrect Tracking #" for packages not processed properly through FedEx shipping methods with non-corresponding package tracking numbers tendered to the FedEx Courier. In accordance with the FedEx Service Guide, a refund or credit will not be given.*				
Delivery Schedule Code	A	103–104	2	**See Codes Dictionary for list of available codes**
***NOTE**: Delivery Schedule Code applies to Intra-U.S. Express Service only. Therefore, this field will be blank for Intra-U.S. Freight Service, International Service, Ground Service. Refer to the current FedEx Service Guide as the official source for delivery schedules*.				
Delivery Disposition Code	A	105–106	2	**See Codes Dictionary for list of available codes**
NOTE**: This field will provide an additional delivery exception event (may be the same as the Delivery Exception Code in positions 54-56).* ***Not available for Ground Service.				
Service Level Percentage	A	107–109	3	
***NOTE**: Applicable for Earned/Bonus Discount program*.				
Delivery Confirmation Flag	A	110	1	SmartPost Service only ('Y' or space)
Filler	A	111–250	140	

PACKAGE (DE1)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	**'D'**
Sort Field A 2–3 2 '**E1'** Record ID A 4–13 10 '**PACKAGE'**				
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–28	6	(Future expansion of the invoice number)
Tracking Number	A	29–40	12	Tracking # Identifying shipment
Filler	A	41–44	4	(Future expansion of the tracking number)
Pieces	N	45–49	5	Number of pieces on the tracking number
	A	50	1	
Weight Unit				'L'–Pounds ' K'–Kilograms
Billed Weight	N	51–57	7	6.1 Express & Ground 5.2 SmartPost
Original Package Weight	N	58–64	7	6.1 Express & Ground 5.2 SmartPost
***NOTE**: 'Billed Weight' and 'Original Package Weight' fields not applicable for Duty/Tax transmissions.*				
Dim Length N 65-67 3 No decimal places Dim Width N 68-70 3				
No decimal places Dim Height N 71-73 3 No decimal places				
Dim Unit	A	74	1	'I'-Inches 'C'-Centimeters
Dim Divisor	N	75-77	3	
***NOTE**: For Express or Ground, dim fields will be provided only if package is billed dimensional weight.*				
Declared Value	N	78-92	15	13.2 (always positive)
Customs Value	N	93-107	15	13.2 (always positive)
Customs Entry Number	A	108-122	15	Applicable for Int'l Duty/Tax only
Currency of DV/Customs	A	123-125	3	Currency of declared value or customs value
GSA Default Weight Flag	A	126	1	'Y'–Indicates default weight was applied (U.S. Government customers only)
Revenue Threshold Amount	N	127-141	15	13.2
Customer PO Number	A	142-166	25	For Ground Service & SmartPost only
Customer Dept. Number A 167-191 25 For Ground Service & SmartPost only Customer Invoice Number				
A 192-216 25 For Ground Service & SmartPost only				
NOTE: Customer PO Number, Dept. Number and Customer Invoice Number are for Ground shipments only, if provided by shipper.				
Multi-weight Weight	N	217-224	8	6.2 For Ground Service only
Ground Tracking Number	A	225-244	20	For Ground only
***NOTE**: The Ground Tracking Number may reflect spaces within the 20 character field. Customers may suppress spaces if necessary*.				
Revenue Threshold Currency Code	A	245-247	3	
Sub-Class Postal	A	248	1	P- Parcel Post, B- Bound Printed Matter, M- Media Mail (SmartPost Only)
Process Category	A	249	1	M- Machine able, I- Irregular (SmartPost Only)
Package Size	A	250	1	N- Normal, O- Oversize, B- Balloon (SmartPost Only)

PACKAGEEXT (DE2)

Field Name	Type	Position	Length	Comments
NOTE: The "PACKAGEEXT" Record is an optional record currently applicable for certain duty/tax transactions.				
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'E2'**
Record ID	A	4–13	10	**'PACKAGEEXT'**
Invoice Number	A	14–22	9	Invoice number for air bill/tracking #
Filler	A	23–28	6	(Future expansion of the invoice number)
Airbill/Tracking Number	A	29–40	12	Air bill/tracking # identifying shipment
Filler	A	41–44	4	(Future expansion of the air bill number)
Storage/Refrig Days	N	45–46	2	Applicable to Charge Codes 420 & 421
Custody Days	N	47–48	2	Applicable to Charge Code 418
Number of Hours	N	49–52	4	Applicable to Charge Code 404
France Duty/Tax Waiver	A	53	1	'Y'–Yes (space)–No
International Ground Shipment Number	A	54–68	15	For Ground Service only
Fish & Wildlife Clearance Port	A	69–71	3	Applicable to charge code 352
Customs Additional Line Items	N	72–74	3	Applicable to charge code 350
Filler	A	75–250	176	

CHARGE (DF1)

Field Name	Type	Position	Length	Comments
***NOTE**: Shipments may have multiple CHARGE records. Zero amount charges are possible in the event fees are waived. There will not be a CHARGE record for return 'COD' shipments.*				
For Ground shipments, additional charges may appear on a different invoice/file than the freight charges.				
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'F1'**
Record ID	A	4–13	10	**'CHARGE'**
Invoice Number	A	14–22	9	Invoice number for tracking number
Filler A 23–28 6 (Future expansion of the invoice number) Tracking Number A 29–40 12 Tracking number identifying shipment				
***NOTE**: If Ground charge is at invoice level, the 'Tracking Number' field will reflect a system generated number.*				
Filler	A	41–44	4	(Future expansion of the tracking number)
Charge Code A 45–47 3 **See Codes Dictionary for list of available codes** Origin Charge Amt N 48–62 15 13.2 (May be different from Billed Charge Amount only for Express International)				
Charge Sign	A	63	1	**'+'** or **'–'**
Origin Currency Code	A	64–66	3	International Express Service only
Exchange Rate	N	67–84	18	9.9 – International Service only Intra-U.S. will use 000000001000000000
Billed Charge Amount	N	85–99	15	13.2
Charge Sign	A	100	1	**'+'** or **'–'**
Billed Currency Code A 101–103 3 Charge Count A 104–108 5 Number of transactions for customer level charge (Ground Service only)				
Call Tag Access Code	A	109	1	'E'– Electronic 'M'– Manual 'R' – Residential (Ground Service only)
Fuel Surcharge Factor	N	110–114	5	3.2 Express Service only
***NOTE**: The following 'Billing Service', 'Quantity' and 'Unit Price' fields are applicable to Non-Trans shipments only (see the DC3 NONTRANS record).*				
Billing Service	A	115–116	2	'PM'– Packaging Materials (Retail Sales) 'SF'– EEI Filing Fee 'SR'– EEI Report Fee
Quantity	N	117–121	5	
Unit Price	N	122–136	15	13.2
Europe First Surcharge Band	A	137–138	2	
***NOTE**: The following 'Pickup Contract Flag' is applicable to FedEx Ground Shipments only. A 'Y' in this field indicates the billed party has agreed to pay pickup fees for the shipper.*				
Pickup Contract Flag	A	139	1	
VAT/Non-VAT Flag	A	140	1	'N'– No 'Y'– Yes (European Union only) 'V' - VAT Charge
Italy VAT Code	A	141–143	3	
Bump-Up Weight Flag	A	144	1	Ground Service only
GST Exempt Flag	A	145	1	Malaysia only (Y or N)
Filler	A	146–250	105	

COMMODITY (DG1)

Field Name	Type	Position	Length	Comments
NOTE *This detail record will only apply to duty/tax invoices (Settlement Option 'C' or 'M', positions 142-143 in the 'HA1 INVOICE Record'). It is an optional record and will only be present when the duty/tax transaction includes a commodity description.*				
Detail	A	1	1	**'D'**
Sort Field	A	2–3	2	**'G1'**
Record ID	A	4–13	10	**'COMMODITY'**
Invoice Number	A	14–22	9	Invoice number being billed
Filler	A	23–28	6	(Future expansion of the invoice number)
Tracking Number	A	29–40	12	Tracking number identifying shipment
Filler	A	41–44	4	(Future expansion of the tracking number)
Commodity Country / Territory	A	45–46	2	Country / Territory of mfg - first commodity
Commodity Description	A	47–96	50	Description - first commodity
Commodity Country / Territory	A	97–98	2	Country / Territory of mfg - second commodity
Commodity Description	A	99–148	50	Description - second commodity
Commodity Country / Territory	A	149–150	2	Country / Territory of mfg - third commodity
Commodity Description	A	151–200	50	Description - third commodity
Commodity Country / Territory	A	201–202	2	Country / Territory of mfg - fourth commodity
Commodity Description	A	203–250	48	Description - fourth commodity

NON-PAY RESOLUTION (DW1)

Field Name	Type	Position	Length	Comments
NOTE*: Non-Pay Resolution records will only appear for Invoice Type 'N' non-pay files (located in the HA1 Record, 'Invoice Type' field, position 126). May have multiple Non-Pay Resolution records per tracking number; one Non-Pay Resolution record per non-pay adjustment reason code.*				
Detail	A	1	1	'**D'**
Sort Field	A	2–3	2	**'W1'**
Record ID	A	4–13	10	**'NONPAY'**
Invoice Number	A	14–22	9	Invoice number for tracking #
Filler	A	23–28	6	(Future expansion of the invoice number)
Tracking Number	A	29–40	12	Tracking # identifying shipment
Filler	A	41-44	4	(Future expansion of the tracking number)
Control/Check Number				A 45-54 10 Number from original Remittance/ Non-Pay file
Resolution Code	A	55	1	'C'–Credit 'D'–Denial 'F'–Refund 'M'-Invalid EDI Master # for Customer Bill To Account # 'R'– Reject 'B', 'O' or 'W'–Other
Resolution Complaint Code	A	56-58	3	**See Codes Dictionary for list of available codes**
NOTE*: The 'Resolution Complaint Code' field will only be populated when the 'Resolution Code' in position 55 is 'D'.*				
Requested Adjustment Amount	N	59-73	15	13.2
Amount Due	N	74-88	15	13.2
Actual Amount Adjusted	N	89-103	15	13.2
Original Adjustment Reason Code	A	104-105	2	
Filler	A	106-250	145	

INVSUBTOTL (HB3)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	'H'
Sort Field	A	2-3	2	'B1'
Record ID	A	4-13	10	'INVSUBTOTL'
Invoice No	A	14-22	9	Invoice number being billed
Filler	A	23-44	32	
Qualifier	A	45-47	3	Freight Qualifiers: TD – Taxable Discount ND - Non-Taxable Discount TG - Taxable Gross NG – Non-Taxable Gross TX - Taxable Duty-Tax Qualifiers: 01 - Line 1 02 - Line 2 03 - Line 3 04 - Line 4 05 - Line 5
Subtotal Code	A	48	1	1 = subtotal 2 = total
Origin Amount	N	49-69	21	size 19.2
Origin Amount Sign	A	70	1	
Billed Amount	N	74-94	21	size 19.2
Billed Amount Sign	A	95	1	'+' or '-'
Billed Currency Code	A	96-98	3	
Exchange Rate	N	99-119	21	size 19.2
Filler	A	120-250	131	

ALTADDRESS (HB4)

Field Name	Type	Positions	Length	Comments
Detail	A	1	1	'H'
Sort Field	A	2-3	2	'HB2'
Record ID	A	4-13	10	'INVTAXIDS'
Invoice No	A	14-22	9	Invoice number being billed
Filler	A	23-44	22	
Tax ID1	A	45-69	25	Tax ID
Tax ID1 Description	A	70-79	10	Tax ID Description
Tax ID2	A	80-104	25	Tax ID
Tax ID2 Description	A	105-114	10	Tax ID Description
Tax ID3	A	115-139	25	Tax ID
Tax ID3 Description	A	140-149	10	Tax ID Description
Tax ID4	A	150-174	25	Tax ID
Tax ID 4 Description	A	175-184	10	Tax ID Description
Tax ID 5	A	185-209	25	Tax ID
Tax ID 5 Description	A	210-219	10	Tax ID Description
Filler	A	220-250	31	

PACKAGE (PE1)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	'P'
Sort	AN	2-3	2	'E1'
Record ID	A	4-13	10	'Package'
Invoice Number	AN	14-22	9	Invoice Number
Filler		23-28	6	Future Expansion
Tracking Number	AN	29-40	12	Master Tracking Number
Filler		41-44	4	Future Expansion
Package Tracking Number	AN	45-56	12	Package Tracking number
Filler		57-60	4	
Weight Unit	AN	61	1	
Billed Weight	N	62-68	7	
Original Package Weight	N	69-75	7	
Package Dim Length	N	76-78	3	
Package Dim Width	N	79-81	3	
Package Dim Height	N	82-84	3	
Package Dim Unit	AN	85	1	
Package Dim Divisor	N	86-88	3	
Package Declared Value	N	89-103	15	13.2
Package Declared Value Currency Code	AN	104-106	3	
GSA Default Weight Flag	A	107	1	Y for default weight applied
Package Tracking Number Message Code	AN	108-113	5	
Package Tracking Number Message Code	AN	114-118	5	
Package Tracking Number Message Code	AN	119-123	5	
Package Tracking Number Message Code	AN	124-128	5	
Package Tracking Number Message Code	AN	129-133	5	
Filler		134-250	118	

SAMPLE: PE1PACKAGE 330839294 403692490967 123456789111 L000200000020000100100 10C139000000000100000USD

PACKAGEMSG (PC4)

Field Name	Type	Position	Length	Comments
Detail	A	1	1	'P'
Sort	AN	2-3	2	'C4'
Record ID	A	4-13	10	'PACKAGEMSG'
Invoice Number	AN	14-22	9	Invoice Number
Filler		23-28	6	Future Expansion
Tracking Number	AN	29-40	12	Master Tracking Number
Filler		41-44	4	Future Expansion
Package Tracking Number	AN	45-56	12	Package Tracking number
Filler		57-60	4	
Tracking number Message Code	AN	61-65	5	
Package Tracking Number Message Data	AN	66-91	25	Variable Message Data
Package Tracking Number Message Data	AN	92-117	25	Variable Message Data
Package Tracking Number Message Data	AN	118-143	25	Variable Message Data
Package Tracking Number Message Data	AN	144-169	25	Variable Message Data
Package Tracking Number Message Data	AN	170-195	25	Variable Message Data
Filler		196-250	60	

SAMPLE: PC4PACKAGEMSG330839294 403692490967 123456789113100221030L

SUMMARY RECORD LAYOUT

TRAILER (SZ1)

Field Name	Type	Position	Length	Comments
Summary	A	1	1	**'S'**
Sort Field	A	2–3	2	**'Z1'**
Record ID	A	4–13	10	**'TRAILER'**
Filler	A	14–28	15	
Filler	A	29–44	16	
Master EDI Number	A	45–53	9	
Filler	A	54–56	3	*(Future expansion of the account number)*
Total Invoice Count	N	57–63	7	Total number of invoices billed
Total Transaction Count	N	64–70	7	Total number of tracking numbers billed
Total Charges Due	N	71–85	15	13.2
Charge Sign	A	86	1	**'+'** or **'–'**
Billed Currency Code	A	87–89	3	
Filler	A	90–250	161	

NOTE: The summary TRAILER record is followed by a summary NAME record which provides the address for check remittance.

NAME (SZ2)

Field Name	Type	Position	Length	Comments
Summary	A	1	1	**'S'**
Sort Field	A	2–3	2	**'Z2'**
Record ID	A	4–13	10	**'NAME'**
Filler	A	14–28	15	
Filler	A	29–44	16	
Qualifier	A	45–46	2	'RI'—Remittance
Filler	A	47–58	12	
Contact Name	A	59–93	35	'ATTN: EDI PAYMENT'
Company Name	A	94–128	35	'FEDEX ERS'
Address Line 1	A	129–163	35	'P O BOX 371741'
Address Line 2	A	164–198	35	
City	A	199–228	30	'PITTSBURGH'
State/Province	A	229–230	2	'PA'
Zip/Postal Code	A	231–240	10	'152507741'
Country / Territory Code	A	241–242	2	'US'
Filler	A	243–250	8	

REMITTANCE FILE RECORD LAYOUT - 80 Byte Remittance

(US Payors Only)

REMITTANCE IDENTIFICATION HEADER RECORD LAYOUT

Create one 80-byte alphanumeric remittance identification data record per file as outlined below. The record is used to identify the remittance transmission. The check number or transmission control number may be used to verify receipt. All decimals are implied. Unused positions of alphanumeric fields should be space filled. The REMITTANCE PAYMENT file contains one remittance identification data record and multiple remittance payment detail records.

Field Name	Type	Position	Length	Comments
Filler	A	1–15	15	(Leave Blank)
Check Number or Transmission Control Number	A	16–23	8	If control number is used, it must appear on check stub
Filler	A	24–30	7	(Leave Blank)
Settlement Date	A	31–38	8	Provide settlement date if paying via EFT (Format: CCYYMMDD)
Filler	A	39	1	(Leave Blank)
Payment Method Indicator	A	40	1	'**K'** – Check Payment '**E'** – EFT Payment
Filler (FedEx Use Only)	A	41-71	31	(Leave Blank)
Master EDI Number	A	72–80	9	Assigned by FedEx; not for shipping

REMITTANCE PAYMENT DETAIL RECORD LAYOUT

Create one 80-byte record for each invoice or tracking number being paid. Numeric fields should be right justified and zero filled if data is not provided. Refer to "Procedures for Submitting Payment". You can also refer to the 'ELECTRONIC INVOICE ADJUSTMENTS HELPFUL TIPS' section following this page for more information on submitting invoice adjustment requests.

Field Name	Type	Position	Length	Comments
Account Number	N	1 - 9	9	Bill-To Account Number
Invoice Number	N	10-18	9	Invoice number
Tracking Number	A	19-30 12		Must be right-justified and zero-filled; leave blank if you are paying the entire invoice. Required for non-payments.
Payment Amount	N	31-39	7.2	Amount paid on the invoice or tracking number. Total payment must agree with the check accompanying the remittance transmission.
***NOTE**: 'Payment Amount' cannot be a negative amount. 'Account Number', 'Invoice Number', 'Package Tracking' and 'Payment Amount' fields are required for non-pay/dispute processing.*				
Adjustment Reason Code	A	40-41	2	See "ADJUSTMENT REASON CODES" under ELECTRONIC INVOICE ADJUSTMENT HELPFUL TIPS
NOTE: *Code 'H2' is to be used for Payment Previously Sent' disputes only. not use code 'H2' to dispute items in process duplicate billing, partial balances or any other adjustment reason codes.* • *Duty/tax disputes (air express shipments only) must be submitted in writing.* • *No adjustment requests for Retail Sales purchases (packaging supplies billed via paper invoice) should be included. Call (800) 622-1147 for inquiries.* • *Adjustment requests for service failure or no proof of delivery must be submitted through the invoice adjustment feature on fedex.com or the telephone invoice adjustment system at (800) 622-1147.*				
Adjustment Amount	N	42–50	7.2	Requested adjustment amount (Non-Payment amount) Do NOT include the minus sign
Adjustment Description	A	51–71	21	DEPENDANT ON ADJUSTMENT REASON CODE USED ABOVE: '18' - Not Company Bill '19' - Duplicate Billing '21' - Rebill Other Account (Account Number Required) '30' - Saturday Delivery Surcharge Invalid '34' - Declared Value Incorrect '38' - Service Incorrect '40' - Address Correction Surcharge Invalid '51' - Delivery Area Surcharges (DAS) or Residential Surcharge Applied in Error '53' - Pickup Fees or Weekly On-Call Fees Applied in Error '60' - Late Fee Applied in Error 'H2' - Payment Previously Sent 'PD' - Balance Due Requested (an inquiry, not a dispute)
Filler	A	72–80	9	

Adjustment Reason Codes

(Used in the 'Adjustment Reason Code' field)

Code	Description	Explanation of Code
18	Billed to Company in Error	Tracking number was billed to the recipient or third party without authorization. Company was billed in error as the shipping account.
19	Duplicate Billing	Tracking number was billed twice for the same charges
NOTES 1. *Out of week billings, supplemental charges, duty and tax billings, Past Due or Balance Due invoices and ground return shipment billings are not duplicate billings.* 2. *Duplicate information should not be processed as duplicate billing.*		
21	Rebill to Another Account	Code should be used when requesting billing away from the shipping party such as to the recipient or third party. A valid FedEx account number must be entered in the 'NTE02' segment when using this code.
30	Saturday Surcharge Invalid	Saturday delivery or Pick up surcharge invalid
34	Declared Value Incorrect	Tracking number was billed using the incorrect declared value. The correct declared valued per your records must be entered in the 'NTE02' segment when using this code.
38	Service Incorrect	Tracking number was billed using the incorrect service type. The correct service per your records must be entered in the 'NTE02' segment when using this code. Ex: SO vs. PL.
40	Address Correction Surcharge Invalid	Address Correction Surcharge Invalid
51	Delivery Area Surcharges (DAS) or Residential Surcharge Applied in Error	Code should only be used when Delivery Area Surcharges or Residential Surcharge has been applied in error.
53	Pickup Fees or Weekly On-Call Fees Applied in Error	Code should only be used when Pickup Fees or Weekly On-Call Fees have been applied in error.
60	Late Fee Applied in Error	Late Fee Applied in Error
H2	Payment Previously Sent	Code should only be used to inform FedEx that payment has been previously sent. Check number, check date, and reference number of the previous payment must be entered in the 'NTE02' segment when using this code.
PD*	Balance Due Requested (this is an inquiry - not a dispute)	This request will return the Balance Due of the transaction in the 'RMT-06' field.

NOTE:

1. *For incorrect Pricing, Discount, Dimensions, Weight, or Miscellaneous invoice adjustment support please contact your FedEx Sales Executive as these reasons cannot be submitted via EDI.*

2. *Adjustment requests for service failure or no proof of delivery must be submitted through the invoice adjustment feature on fedex.com or the telephone invoice adjustment system at 800-622-1147.*

COMMON ABBREVIATIONS

(Used in the 'Adjustment Description' field positions 51-70)

The 'Adjustment Description' field is limited to 21 characters on the FedEx side. A list of common abbreviations is being provided to assist in the entering of comments and conveying messages.

Abbreviation	Description	Abbreviation	Description
#	Number	GRND	Ground
3rd	Third Party	HAZ	Hazardous
A/C	Address Correction	INFO	Information
AB	Tracking	INQ	Incorrect Quantity
ACCT	Account	INS	Incorrect Service
ADJ	Adjustment	INT'L	International
ADR	Address	INV	Invoice
AE	Account Executive	INW	Incorrect Weight
AGT	Agent	LB	Pound
AH	Additional Handling	LTE	Late
CC	Credit Card	MSC	Miscellaneous
CK	Check	O/C	On Call
CNTL	Control	OT	On Time
COD	Cash On Delivery	OVS	Oversize
CONS	Consignee	P/U	Pick Up
CR	Credit	PKG	Package
CTG	Call Tag	PO	Priority Overnight
D&T	Duty & Tax	PTY	Party
D/O	Drop Off	PYMNT	Payment
DAS	Delivery Area Surcharge	RB	Rebill
DB	Debit	RECIP	Recipient
DEL	Delivery	REF	Reference
DIM	Dimensions	REP	Representative
DIS	Discount	REQ	Request
DN	Denial	RESI	Residential
DOC	Document	RF	Refund
DOM	Domestic	RTN	Return
DSP	Dispute	SDR	Saturday Delivery
DTE	Date	SHPMNT	Shipment
DUP	Duplicate	SHPR	Shipper
DV	Declared Value	SIG	Signature
EIA	Electronic Invoice Adjustments	SPU	Saturday Pick Up
ERS	Electronic Revenue Support	SVC	Service
ES	Economy Service	WKLY	Weekly
EXP	Express	WT	Weight
FSU	Fuel Surcharge	XS	Express Service

BREAKDOWN OF ELECTRONIC INVOICE ADJUSTMENT (EIA) FILES WITH OVER 10,000 ADJUSTMENT REQUESTS

EIA files containing 10,000 or more adjustment requests will be separated into smaller files of 5,000 on the FedEx side, and the resolution files will return in the smaller files. The assigned EIA control number will remain the same except for the last digit which will change to an alpha or numeric character (A through Z, or 1, 2, 3...).

Example:
EIA control number EAST0123 is sent with 17,123 adjustment requests. The file will be separated into smaller files and the resolution files will return as shown below:

Control Number	Adjustment Line Items
EAST0123	5,000
EAST012A	5,000
EAST012B	5,000
EAST012C	2,123
Total of 4 Files	Total 17,123 Adjustment Requests

EIA FILE CYCLE TIME

EIA files transmitted and received in FedEx net prior to 2:00 PM CST will download in the Electronic Invoice Adjustment system the same day. Files received after 2:00 PM CST will download in the Electronic Invoice Adjustment system the next business day.

CODES DICTIONARY

The codes dictionary is a separate document. It is an Excel spreadsheet that lists the available code values used for a data field. There is a separate TAB at the bottom of the document that correlates to each data field, i.e.: V908 DEL EXCEP, V912 DEL DISP

To request a copy of this document, please email EDI-InvandRemit@fedex.com.