

# TForce Freight

## Electronic Invoice Flat File Layout

### HEADER RECORD

Field Name	Length	Start Position	Max Occurrence	Description
PRO-RECORD-ID	2/3	1	1	HD – Header Record
PRO-PRO-NMBR	9/9	4	1	
PRO-PRO-SUFFIX	1/2	13	1	R0–Revenue A0-Accessorial
PRO-SHIP-DATE	8/8	15	1	YYYYMMDD
PRO-PKUP-DATE	8/8	23	1	YYYYMMDD
PRO-DLVR-DATE	8/8	31	1	YYYYMMDD
PRO-PPD-COL-FLAG	2/2	39	1	‘CC-Collect PP-Prepaid TP-Third’
PRO-WEIGHT	1/7	41	1	
PRO-PIECES	1/5	48	1	
PRO-TOTAL-PACKAGES	1/5	53	1	
PRO-TOTAL-CHARGE	1/9	58	1	
PRO-CORR-FLAG	1/1	67	1	C - Correction
PRO-ORIG-TERM	1/4	68	1	
PRO-ORIG-CITY	1/20	72	1	
PRO-ORIG-STATE	2/2	92	1	
PRO-DEST-TERM	1/4	94	1	
PRO-DEST-CITY	1/20	98	1	
PRO-DEST-STATE	2/2	118	1	
PRO-BL-NMBR	1/20	120	1	
PRO-PO-NMBR	1/20	140	1	
SHIPPER- UPGF-NMBR	1/8	160	1	UPGF Customer Number
SHIPPER-NAME	1/30	168	1	
SHIPPER-LINE1	1/30	198	1	P.O. Box
SHIPPER-LINE2	1/30	228	1	Street Address
SHIPPER-CITY	1/20	258	1	
SHIPPER-STATE	2/2	278	1	
SHIPPER-ZIP	5/9	280	1	
SHIPPER-COUNTRY	2/2	289	1	
SHIPPER-STORE	1/5	291	1	
CONSIGNEE-UPGF-NMBR	1/8	296	1	UPGF Customer Number
CONSIGNEE-NAME	1/30	304	1	
CONSIGNEE-LINE1	1/30	334	1	P.O. Box
CONSIGNEE-LINE2	1/30	364	1	Street Address
CONSIGNEE-CITY	1/20	394	1	
CONSIGNEE-STATE	2/2	414	1	
CONSIGNEE-ZIP	5/9	416	1	
CONSIGNEE-COUNTRY	2/2	425	1	
CONSIGNEE-STORE	1/5	427	1	
BILLTO-UPGF-NMBR	1/8	432	1	UPGF Customer Number
BILLTO-NAME	1/30	440	1	
BILLTO-LINE1	1/30	470	1	P.O. Box
BILLTO-LINE2	1/30	500	1	Street Address
BILLTO-CITY	1/20	530	1	
BILLTO-STATE	2/2	550	1	
BILLTO-ZIP	5/9	552	1	
BILLTO-COUNTRY	2/2	561	1	
BILLTO-STORE	1/5	563	1	
CARRIER CUSTOMER ID	1/15	568	1	Unique number provided by carrier
CARRIER STATEMENT	1/15	584	1	Statement number provided by carrier
PRO-END	2/2	584	1	ASCII <CR><LF>

**Electronic Invoice  
Flat File Layout**

**DETAIL RECORD**

Field Name	Length	Start Position	Max Occurrence	Description
DET-RECORD-ID	2/3	1	999	DET – Detail Record
DET-KEYWORD	1/4	4	1	'See Attached Listing B'
DET-TEXT	1/132	8	1	
DET-CHARGE	1/9	140	1	
DET-PIECES	1/4	149	1	
DET-PACKAGE-TYPE	3/3	153	1	'See Attached Listing C'
DET-NMFC-CODE	1/6	156	1	
DET-NMFC-SUB	1/2	162	1	
DET-CLASS	1/3	164	1	
DET-WEIGHT	1/7	167	1	
DET-RATE	1/5	174	1	
DET-RATE-QUAL	2/2	179	1	'See Attached Listing D'
DET-END	2/2	181	1	ASCII<CR> <LF>

**REFERENCE RECORD**

Field Name	Length	Start Position	Max Occurrence	Description
REF-RECORD-ID	2/3	1	50	REF – Reference Record
REF-QUAL	1/3	4	1	'See Attached Listing A'
REF-NMBR	1/30	7	1	
REF-END	2/2	38	1	ASCII <CR><LF>

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<b>Ref Qual "A"</b>	<b>Description</b>
PO	Purchase Order Number
BM	Bill of Lading Number
CR	Customer Reference Number
SI	Shipper's Identification Number

<b>Det-Package-Type "C"</b>	<b>Description</b>
BAG	Bag
BBL	Barrel
BIN	Bin
BOX	Box
CAG	Cage
CAN	Can
CAS	Case
CNT	Container
CYL	Cylinder
CRT	Crate
DBK	Dry Bulk
ENV	Envelope
HRB	On Hanger
PCS	Pieces
PKG	Package
PLT	Pallet
RCK	Rack
SKD	Skid
TBE	Tube
TRY	Tray
UNIT	Unit

<b>Det-Rate-Qual "D"</b>	<b>Description</b>
FR	Fate Rate
MN	Minimum
PF	Per Cubic Foot
PG	Per Gallon
PH	Per Hundred
PL	Per Load
PM	Per Mile
PP	Per Piece
PS	Per Shipment
PU	Per Unit
SY	Square Yard

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<b>Det-Keyword “B”</b>	<b>Description</b>
AC	Accessorial Charge
ACCO	Accessorial Charge Collect
ADCH	Advance Charges Handling
ADFC	Advance Fee – Collect
BCPF	Canada Border South Fee
BDUE	Invoice Adjustment
CALL	Will Call International Shpts
CCAP	Cubic Feet – Capacity
CDUP	Cross Dock Charge
COD	COD Charge
CORA	Corrected BOL Charge
CORB	Corrected Bill of Lading Charge
CRDK	Cross Dock Charges
CSDL	Construction Site Delivery
CURR	Currency Exchange
DELD	Detention of Trailers
DEUN	Detention Unloading
DEWT	Deficit Freight
DIFL	Dollar Discount
DISC	Discount
DOCF	Documentation Charge
DRAY	Drage Charge
EXLB	Extra Labor Charge
EXLC	Excess Liability Fee
EXLT	Extreme Length
EXPC	Expedited Delivery Charge
FECO	Collect COD Fee
FEPP	Fee for Collecting COD Charge
FORK	Forklift Charge
FSFT	Fuel Charge
FSOC	Ocean Fuel Adj Flat
FSTL	Fuel Surcharge
FSUR	Fuel Charge
GRTD	Advantage Guarentee
GRTF	Advantage Guarentee
GSAI	GSA Insurance
GULD	Island Delivery Charge
HAZD	Hazardous Cargo Charge
HCOZ	Haz Mat – Ocean
<b>Det-Keyword “B”</b>	<b>Description - Continued</b>
HCSA	High Cost Service Area Accessorial Charge
HDHD	Hand To Hand Signature

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HIDL	Hawaii Island Delivery Charge
HIPU	Island Pick-Up Charge
HZIL	Haz Mat – Island
HZOC	Haz Mat – Ocean
IBFD	Bond Charges
IBFO	In Bond Fee – Origin
INDE	Inside Delivery
INPS	Inside Pick-up
INPU	Inside Pickup Charge
INSP	Inspection
LEPW	Pallet Allowance
LIFD	Lift Gate or Forklift Service
LIFO	Liftgate charges – Origion
LNHL	Line Haul
LTAC	Limited Access PU/DL
MARK	Marking or Tagging Charge
MDOC	Export/Import Charge
MEXP	Mexican Routing Portion
MGMT	Management Fee
MINE	Mine Delivery Charge
MXIN	Insurance Fee
NOBD	Non-Business Hours Delivery
NOBP	Non-Business Hours Pickup
NTFN	Carrier Notification Charge
OCFT	Ocean Freight Charges
OIBC	Original Inbound Charges
ORDF	Order Notify Charge
PORT	Port Security Fee
PRDL	Puerto Rico Delivery Charge
PREM	Premium Transportation
PRPU	Puerto Rico Pickup Charge
PRTA	Puerto Rico Excise Tax
PRTP	Puerto Rican Excise Tax
RECO	Reconsignment Charge
REDL	Redelivery
RESD	Residential Delivery
RESP	Residence Pickup Charge
REWE	Reweigh
RLDL	Remote Destination Charge
RWFE	Prepaid Reweigh Fee
SED	Shipper Export Delcare
<b>Det-Keyword “B”</b>	<b>Description - Continued</b>
SFRC	Manifest Fee
SFRP	Custom Manifest Fee
SISH	Single Shipment Pickup

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SORT	Segregating (Sorting)
SORT	Sort/Seg Charge
SRFC	Manifest Charge
SSDF	LT Fuel Surcharge – Flat
STDT	Storage Charges
STOP	Stop-off Charge
STOR	Storage
ULAL	Unloading Allowance
VIOC	Virgin Island Ocean Charge
WFEE	Warfage Fee
WHDL	Weekend/Holiday Delivery

## **Electronic Invoice Flat File Layout**

- Invoices transmits once per day.
- Customers can choose between receiving prepaid, collect or third party invoices.
- Can provide electronically the original, corrected or balance due invoices.
- When the customer requests sending electronic invoices written authorization must be sent to [upgfedigroup@tforcefreight.com](mailto:upgfedigroup@tforcefreight.com).
- Once set up electronic invoices, copies of the delivery receipts or bills of lading are no longer mailed to the customer.
- The payment terms for your paper invoices are applied to your EDI invoices.