

```

<?xml version="1.0" encoding="UTF-8"?>
<transactionSet>
  - <segment code="ST">
    <name>Transaction Set Header</name>
    - <element code="143">
      <name>Transaction Set Identifier Code</name>
      <value>Invoice</value>
    </element>
    - <element code="329">
      <name>Transaction Set Control Number</name>
      <value>17</value>
    </element>
  </segment>
  - <segment code="BIG">
    <name>Beginning Segment Invoice</name>
    - <element code=""> 373.
      <name>Invoice Date</name>
      <value>2013-11-27</value>
    </element>
    - <element code="76">
      <name>Invoice Number</name>
      <value>2013-1</value>
    </element>
    - <element code=""> 373
      <name>P.O Date</name>
      <value>2013-11-27</value>
    </element>
    - <element code="324">
      <name>Purchase Order Number</name>
      <value/> <value>Null</value>
    </element>
    - <element code="640">
      <name>Transaction Type Code</name>
      <value code="PR">Invoice Product</value>
    </element>
  </segment>
  - <segment code="CUR">
    <name>Currency</name>
    - <element code="98">
      <name>Entity Identifier Code</name>
      <value>Buying Party</value>
      <value>US Dollar</value>
    </element>
    - <element code="100">
      <name>Currency Code</name>
    </element>
  </segment>
  - <segment code="REF">
    <name>Reference Identification</name>

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Currency Code USD

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- <element code="128">
  <name>Reference Identification Qualifier</name>
  <value>Vendor ID Number</value>
</element>
- <element code="127">
  <name>Reference Identification</name>
  <value>null</value> Company ID of the company initiating the P.O
</element>
</segment>
- <segment code="PER">
  <name>Administrative Communications Contact</name>
  - <element code="366">
    <name>Contact Function Code</name>
    <value code="EB">Entered By</value>
  </element>
  - <element code="93">
    <name>Name</name>
    <value>null</value> Name of the person who created the
    invoice.
  </element>
</segment>
- <loop code="N1">
  - <segment code="N1">
    <name>Name</name>
    - <element code="98">
      <name>Entity Identifier Code</name>
      <value code="BY">Buying Party</value>
    </element>
    - <element code="93">
      <name>Name</name>
      <value>Hasan Cheema</value> Buying Company Name.
    </element>
  </segment>
  - <segment code="N3">
    <name>Address Information</name>
    - <element code="166">
      <name>Address Information</name>
      <value>5720 FREEPORT CT</value>
    </element>
  </segment>
  - <segment code="N4">
    <name>Geographic Location</name>
    - <element code="19">
      <name>City Name</name>
      <value>WESTERVILLE</value>
    </element>
    - <element code=""> 156
      <name>State or Province Code</name>
      <value>Ohio</value>
    </element>
  </segment>

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- <element code="116">
  <name>Postal Code</name>
  <value>Both</value> Zip Code.
</element>
</segment>
- <segment code="N1">
  <name>Name</name>
  - <element code="98">
    <name>Entity Identifier Code</name>
    <value code="VN">Vendor</value>
  </element>
  - <element code="93">
    <name>Name</name>
    <value>null null</value> Supplier Company Name.
  </element>
</segment>
- <segment code="N3">
  <name>Address Information</name>
  - <element code="166">
    <name>Address Information</name>
    <value/> <value>Null</value>
  </element>
</segment>
- <segment code="N4">
  <name>Geographic Location</name>
  - <element code="19">
    <name>City Name</name>
    <value/> <value>Null</value>
  </element>
  - <element code="">
    <name>State or Province Code</name>
    <value>Alabama</value>
  </element>
  - <element code="116">
    <name>Postal Code</name>
    <value/> <value>Null</value>
  </element>
</segment>
</loop>
- <segment code=""> DTM
  <name>EffectiveDate Time Reference</name>
  - <element code="374">
    <name>Date/Time Qualifier</name>
    <value>Effective Date</value>
    <value>2013-11-27</value>
  </element>
  - <element code="373">
    <name>Date</name>
    </element>

```

Make sure that this is the date under carrier details

Move under here.

```

</segment>
- <segment code="AMT">
  <name>Monetary Amount</name>
  - <element code=""> 522.
    <name>Amount Qualifier Code</name>
    <value code="TT">Total Transaction Amount</value>
    <value>61.6</value>
  </element>
  - <element code="782">
    <name>Monetary Amount</name>
  </element>
</segment>
- <segment code="CAD">
  <name>Carrier Details</name>
  - <element code="140">
    <name>Standard Carrier Alpha Code</name>
    <value>00</value>
  </element>
  - <element code="387">
    <name>Routing</name>
    <value>Alpha</value>
  </element>
  - <element code="128">
    <name>Reference Identification Qualifier</name>
    <value code="BM">Bill of Landing Number</value>
  </element>
  - <element code=""> 127
    <name>Reference Identification</name>
    <value code="BM">6786</value>
  </element>
</segment>
- <loop code="IT1">
  - <segment code="IT1">
    <name>Baseline Item Data</name>
    - <element code="350">
      <name>Assigned Identification</name>
      <value>1</value>
    </element>
    - <element code="358">
      <name>Quantity Invoiced</name>
      <value>2.0</value>
    </element>
    - <element code="355">
      <name>Unit or Basis for Measurement Code</name>
      <value code="TN">KG</value> Value Code Should be KG
    </element>
    - <element code="235">
      <name>Product/Service ID Qualifier</name>
      <value code="MG">Manufacturer's Part Number</value>

```

Element Flow

350
358
355
212.
639
235
234.

```

    </element>
  - <element code="234">
      <name>Product/Service ID</name>
      <value>RE23165</value>
    </element>
  - <element code="212">
      <name>Unit Price</name>
      <value>56.0</value>
    </element>
  - <element code="639">
      <name>Basis of Unit Price Code</name>
      <value code="CP">Current Price</value>
    </element>
</segment>
</loop>
- <loop code="PID">
  - <segment code="PID">
      <name>Product/Item Description</name>
  - <element code="349">
      <name>Item Description Type</name>
      <value code="F">Free-form</value>
    </element>
  - <element code="352">
      <name>Description</name>
      <value>RES</value>
    </element>
  </segment>
</loop>
- <segment code="CTP">
    <name>Pricing Information</name>
  - <element code="">
      <name>Price Multiplier Qualifier</name>
      <value code="DIS">Discount Multiplier</value>
    </element>
  - <element code="649">
      <name>Multiplier</name>
      <value>-1</value>
    </element>
</segment>
- <segment code="CTT">
    <name>Transaction Totals</name>
  - <element code="354">
      <name>Number of Line Items</name>
      <value>1</value>
    </element>
</segment>
- <segment code="SE">
    <name>Transaction Set Trailer</name>
  - <element code="96">

```

CTP Segment is part of the IT1 loop and should be moved here.

CAD Segment should be moved here.

Multiplier value is not captured. I used 0.9 as the multiplier

AMT Segment should be moved here.

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    <name>Number of Included Segments</name>
    <value>131</value>
  </element>
  - <element code="329">
    <name>Transaction Set Control Number</name>
    <value>17</value>
  </element>
</segment>
</transactionSet>

```

Static Segments = ST, BIG, CUR, REF, PER, DTM, N1, N3
 N4, N1, N3, N4, DTM, CAD, CTT, AMT, SE
 = 17.

Dynamic = IT1, CTP, PID = 3.

Total (item invoice) = 20.