ARTS POSLog V6.0

Volume 11: Tax Technical Specification
February 10, 2014 – Working Draft

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ARTS Technical Committees Development Process V6.0.4 2009/11/30
ARTS XML Best Practices V2.2 2010/11/11
ARTS Best Practice for Process Modeling V1.0.0 2011/01/04
A RTS SOA Best Practices Technical Report V1.2
ARTS XML Interface Conformance Tool Manual V1.0 2005/08/11
These documents are available for download from http://nrf.com

3. ARTS Common Header
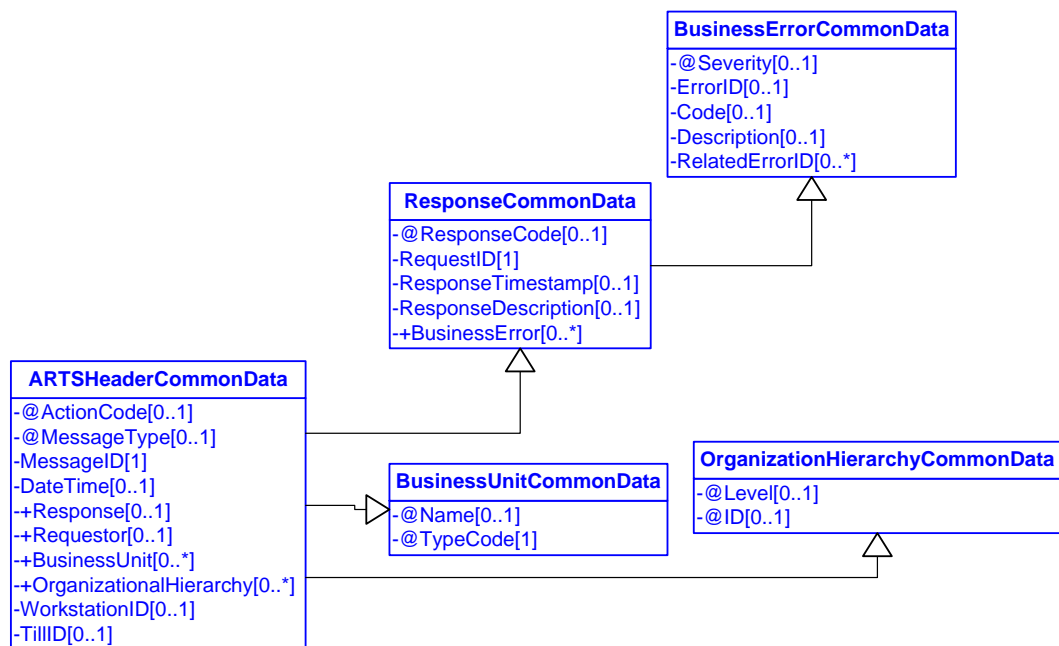
Figure 1: ARTS Common Header Domain View

The ARTS common header is used in all service name schemas. It provides the ability to set session level information and return business error information in one standard format to all SOA implementations.
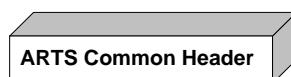
Figure 2: ARTS Common Header Representation

Since this structure is common to all service name schemas, it will not be replicated below. In place of the details, the attached box will be used to represent this complex type structure.

4. USE Case: Tax

Brief Description

Customer selects one or more items and purchases them with various tenders.
Tax is calculated on transaction level. The **additional** unique taxation extensions are
covered in each scenario.

Data

- Transaction header data, including:
  - Identifiers for Store, Workstation, & Operator performing the transaction.
  - The date & time the transaction was performed
  - A workstation assigned sequence number identifying the transaction
- Item sale data, including:
  - An identifier for the item being sold.
  - The number of multiples of the item being sold.
  - Unit price for the item being sold.
  - The extended amount (i.e. Unit price * the number of items being sold)
- Information about used tenders

4.1 Scenario: US Sales Tax at the Transaction Level (V2.1)

Brief Description

The customer buys several items and has a 10% sales tax added to the total of his
purchase.

Assumption

Tax is calculated on transaction level.

Pre-Conditions

Post-Conditions

Scenario Description

Customer buys a scarf for 6.00 USD and gloves for 4.00 USD. A 10% sales tax is added
and the total cost of the purchase is 11.00 USD.

Data

A line item on the Transaction:

- Taxable Amount
- Tax

4.1 Conformance XML Instance Document - US Sales Tax at the Transaction Level

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
   <Transaction>
     <BusinessUnit>
```

```xml
            <UnitID>HighStreet</UnitID>
        </BusinessUnit>
        <WorkstationID>POS5</WorkstationID>
        <SequenceNumber>4294967295</SequenceNumber>
        <OperatorID>John</OperatorID>
        <RetailTransaction>
            <LineItem>
                <Sale ItemType="Stock">
                    <POSIdentity>
                        <POSItemID>01234567890123</POSItemID>
                    </POSIdentity>
                    <ExtendedAmount>6.00</ExtendedAmount>
                </Sale>
                <SequenceNumber>1</SequenceNumber>
            </LineItem>
            <LineItem>
                <Sale ItemType="Stock">
                    <POSIdentity>
                        <POSItemID>01234567890123</POSItemID>
                    </POSIdentity>
                    <ExtendedAmount>4.00</ExtendedAmount>
                </Sale>
                <SequenceNumber>2</SequenceNumber>
            </LineItem>
            <LineItem>
                <Tender TenderType="Cash" TypeCode="Sale">
                    <Amount>11.00</Amount>
                </Tender>
                <SequenceNumber>3</SequenceNumber>
            </LineItem>
            <LineItem>
                <Tax TaxType="Sales">
                    <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">10.00</TaxableAmount>
                    <Amount>1.00</Amount>
                    <Percent>10.00</Percent>
                </Tax>
                <SequenceNumber>4</SequenceNumber>
            </LineItem>
        </RetailTransaction>
    </Transaction>
</POSLog>
```

4.2 Scenario: Multiple Tax Authorities (V2.1)

Brief Description

The customer buys several items. Two taxes apply for his purchase:

- First, a municipal tax is calculated based on the purchase price.

- Next, the state tax authority computes their sales tax based on the purchase price + the municipal tax calculated before.

Assumption
Tax is calculated on transaction level.
Pre-Conditions

Post-Conditions

Scenario Description
Linda buys a 10.00 USD book with a 5% municipal tax. The price of the purchase is now 10.50 USD. The state tax authority uses this value (10.50 USD) to compute their sales tax. If the state tax is 10%, then the total cost of the purchase is 11.55 USD.

Data
A separate line item for each tax authority:

- The sequence in which the tax is applied
- Tax Authority ID
- Taxable Amount for that Tax Authority
- Tax for that Tax Authority

4.2 Conformance XML Instance Document - Multiple Tax Authorities

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting          -->
<!--   Note:  Multiple taxes reported in multiple line items -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
   <Transaction>
     <BusinessUnit>
       <UnitID>HighStreet</UnitID>
     </BusinessUnit>
     <WorkstationID>POS5</WorkstationID>
     <SequenceNumber>4294967295</SequenceNumber>
     <OperatorID>John</OperatorID>
     <RetailTransaction>
       <LineItem>
         <Sale ItemType="Stock">
           <POSIdentity>
             <POSItemID>01234567890123</POSItemID>
           </POSIdentity>
           <ExtendedAmount>10.00</ExtendedAmount>
         </Sale>
         <SequenceNumber>1</SequenceNumber>
       </LineItem>
       <LineItem>
         <Tender TenderType="Cash" TypeCode="Sale">
           <Amount>11.55</Amount>
         </Tender>
```

```
                <SequenceNumber>2</SequenceNumber>
            </LineItem>
            <LineItem>
              <Tax TaxType="Sales">
                  <SequenceNumber>1</SequenceNumber>
                  <TaxAuthority>Municipal</TaxAuthority>
                  <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">10.00</TaxableAmount>
                  <Amount>0.50</Amount>
                  <Percent>5.00</Percent>
              </Tax>
                <SequenceNumber>3</SequenceNumber>
            </LineItem>
            <LineItem>
              <Tax TaxType="Sales">
                  <SequenceNumber>2</SequenceNumber>
                   <TaxAuthority>State</TaxAuthority>
                  <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">10.50</TaxableAmount>
                  <Amount>1.05</Amount>
                  <Percent>10.00</Percent>
              </Tax>
                <SequenceNumber>4</SequenceNumber>
            </LineItem>
        </RetailTransaction>
      </Transaction>
</POSLog>
```

4.3 Scenario: Eat In Taxes vs. Take Out Taxes (V2.1)

Brief Description

In some places tax is not charged when the food is eatan inside the store.

In other places a reduced tax rate or even no tax at all applies to specific food items for take out.

Alternate Scenario 1: Taxes Not Charged on Food Eaten in the Store
Brief Description

A customer buys food items in order to consume them in the store. Due to specific tax rules existing for that area and food item group no tax is charged for the purchase in the case that the food items are consumed in the store.

Assumption

Pre-Conditions

Post-Conditions

Scenario Description

Wilson purchases 3 hamburgers for 1.63 USD each to eat inside the store. Therefore, no sales tax applies for his purchase.

Data
- No Tax Elements

4.3a Conformance XML Instance Document - Eat In Tax Free

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting          -->
<!--  Note:  No Tax reported                  -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <ExtendedAmount>4.89</ExtendedAmount>
          <Quantity>3</Quantity>
        </Sale>
        <SequenceNumber>1</SequenceNumber>
      </LineItem>
      <LineItem>
        <Tender TenderType="Cash" TypeCode="Sale">
          <Amount>4.89</Amount>
        </Tender>
        <SequenceNumber>2</SequenceNumber>
      </LineItem>
    </RetailTransaction>
  </Transaction>
</POSLog>
```


Alternate Scenario 2: Taxes Charged on Food Taken from the Store
Brief Description
A customer buys food items for take out. The specific tax rules in force for that area and food item group do not apply as the customer does not consume the purchase in the store. The regular sales tax is charged for the purchase.

Assumption
Tax is calculated on transaction level.

Pre-Conditions

Post-Conditions

Scenario Description
Bob purchases 3 hamburgers for 1.63 USD each to take home. Therefore, a 10% sales tax applies for his purchase.

Data
A line item on the transaction

- Taxable Amount
- Tax

4.3b Conformance XML Instance Document - Take Out Food Taxes

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting          -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <ExtendedAmount>4.89</ExtendedAmount>
          <Quantity>3</Quantity>
        </Sale>
        <SequenceNumber>1</SequenceNumber>
      </LineItem>
      <LineItem>
        <Tender TenderType="Cash" TypeCode="Sale">
          <Amount>5.38</Amount>
        </Tender>
        <SequenceNumber>2</SequenceNumber>
      </LineItem>
      <LineItem>
        <Tax TaxType="Sales">
          <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">4.89</TaxableAmount>
          <Amount>0.49</Amount>
          <Percent>10.00</Percent>
```

```
        </Tax>
        <SequenceNumber>3</SequenceNumber>
      </LineItem>
    </RetailTransaction>
  </Transaction>
</POSLog>
```

4.4 Scenario: Tax on Manufacturer's Coupon (V2.1)

Brief Description
A customer buys an item and pays with a combination of manufacturer's coupon and cash. The coupon is treated as tender and the taxes are on the entire purchase.

Assumption
Tax is calculated on transaction level.

Pre-Conditions

Post-Conditions

Scenario Description
Jenna buys chocolates for 10.63 USD. She presents a manufacturer's coupon for 2.00 USD. She pays cash for the outstanding amount.

Data
A line item on the transaction

- Taxable Amount
- Tax

4.4 Conformance XML Instance Document – Manufacturer's Coupon Tax

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting          -->
<!--  Note:  Manufacturer Coupon is Tender, and doesn't affect -->
<!--   transaction taxable total                -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
  MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
```

```xml
                        <POSItemID>01234567890123</POSItemID>
                    </POSIdentity>
                    <ExtendedAmount>10.63</ExtendedAmount>
                </Sale>
                <SequenceNumber>1</SequenceNumber>
            </LineItem>
            <LineItem>
                <Tender TenderType="ManufacturerCoupon" TypeCode="Sale">
                    <Amount>2.00</Amount>
                    <Coupon>
                        <Quantity>1</Quantity>
                        <PrimaryLabel/>
                        <ManufacturerID/>
                        <FamilyCode/>
                        <ExpirationDate>2003-12-31</ExpirationDate>
                    </Coupon>
                </Tender>
                <SequenceNumber>2</SequenceNumber>
            </LineItem>
            <LineItem>
                <Tender TenderType="Cash" TypeCode="Sale">
                    <Amount>9.69</Amount>
                </Tender>
                <SequenceNumber>3</SequenceNumber>
            </LineItem>
            <LineItem>
                <Tax TaxType="Sales">
                    <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">10.63</TaxableAmount>
                    <Amount>1.06</Amount>
                    <Percent>10.00</Percent>
                </Tax>
                <SequenceNumber>4</SequenceNumber>
            </LineItem>
        </RetailTransaction>
    </Transaction>
</POSLog>
```

4.5 Scenario: Purchase Taxed at the Point of Origin with Destination in another Tax Jurisdiction (V2.1)

Brief Description

Customer selects one or more items for purchase via a website, or from a printed catalogue. Purchase order is accepted via website, fax or telephone along with payment details. The items purchased are shipped to the customer.

When ordering using a web site or phone, the taxing jurisdiction could be the location where the order is physically taken, where the goods are shipped from, or where they are due to be delivered depending on the specific rules for all the locations involved. In addition, this could vary based on what is purchased such as whether it is a good or

service, or if the item can be delivered electronically rather than physically. – In this scenario, the tax being valid at the point of origin applies for the customer's purchase.

Assumption
Tax is calculated on transaction level.

Pre-Conditions

Post-Conditions

Scenario Description
Customer buys an item for 10.63 USD on her phone. A tax of 12.50 % applies to the purchase. She pays with her credit card and specifies the address the purchased item is to be shipped to.

Data
- Taxable Amount
- Tax Amount
- Address of the Origination of the Order
- Tax Jurisdiction

4.5 Conformance XML Instance Document – Purchase Taxed at the Point of Origin with Destination in Another State

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting          -->
<!--  Note:  Shipping Address is included in Tax Line Item  -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
   <Transaction>
      <BusinessUnit>
         <UnitID>HighStreet</UnitID>
      </BusinessUnit>
      <WorkstationID>Server2</WorkstationID>
      <SequenceNumber>4294967295</SequenceNumber>
      <OperatorID>John</OperatorID>
      <RetailTransaction>
         <LineItem>
            <SaleForDelivery ItemType="Stock">
               <POSIdentity>
                  <POSItemID>01234567890123</POSItemID>
               </POSIdentity>
               <ExtendedAmount>10.63</ExtendedAmount>
               <Quantity>1</Quantity>
               <Delivery>
                  <Name>
                     <Name Location="Last">Jones</Name>
                  </Name>
                  <Address>
                     <AddressLine>325 7th St. NW.</AddressLine>
```

```xml
              <AddressLine>Suite 1100</AddressLine>
              <City>Washington</City>
              <Territory>D.C.</Territory>
            </Address>
            <TelephoneNumber>
              <AreaCode>202</AreaCode>
              <LocalNumber>555-2123</LocalNumber>
            </TelephoneNumber>
          </Delivery>
        </SaleForDelivery>
        <SequenceNumber>1</SequenceNumber>
      </LineItem>
      <LineItem>
        <Tender TenderType="CreditDebit" TypeCode="Sale">
          <Amount>11.96</Amount>
          <Authorization HostAuthorized="true" ForceOnline="true"
            ElectronicSignature="true">
            <RequestedAmount>11.96</RequestedAmount>
            <AuthorizationCode>234</AuthorizationCode>
            <ReferenceNumber>1234</ReferenceNumber>
            <MerchantNumber>2323-2342</MerchantNumber>
            <ProviderID>A Bank</ProviderID>
            <AuthorizationDateTime>2001-08-13T09:02:50</AuthorizationDateTime>
            <AuthorizingTermID>Terminal ID</AuthorizingTermID>
          </Authorization>
          <CreditDebit CardType="Credit">
            <PrimaryAccountNumber>12345678</PrimaryAccountNumber>
            <ExpirationDate>2005-08</ExpirationDate>
          </CreditDebit>
        </Tender>
        <SequenceNumber>2</SequenceNumber>
      </LineItem>
      <LineItem>
        <Tax TaxType="Sales" TaxAtSource="TaxedAtOrigin">
          <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">10.63</TaxableAmount>
          <Amount>1.33</Amount>
          <Percent>12.50</Percent>
          <Address>
            <AddressLine>325 7th St. NW.</AddressLine>
            <AddressLine>Suite 1100</AddressLine>
            <City>Washington</City>
            <Territory>D.C.</Territory>
          </Address>
        </Tax>
        <SequenceNumber>3</SequenceNumber>
      </LineItem>
    </RetailTransaction>
  </Transaction>
</POSLog>
```

5. Use Case: VAT Taxes

Brief Description

Customer selects one or more items and purchases them with various tenders.

VAT taxes apply. The **additional** unique taxation extensions are covered in each scenario.

Data

- Transaction header data, including:
  - Identifiers for Store, Workstation, & Operator performing the transaction.
  - The date & time the transaction was performed
  - A workstation assigned sequence number identifying the transaction
- Item sale data, including:
  - An identifier for the item being sold.
  - The number of multiples of the item being sold.
  - Unit price for the item being sold.
  - The extended amount (i.e. Unit price * the number of items being sold)
- Information about used tenders

5.1 Scenario: Normal VAT Tax (V2.1)

Brief Description

A customer purchases an item. The VAT taxes are included in the item lookup prices. They are reported at the item level.

Assumption

In many places VAT tax is calculated on the transaction level but for this example Tax is calculated on item level.

Pre-Conditions

Post-Conditions

Scenario Description

Customer buys 3 soft drinks for 1.65 AUD each. The lookup price of the soft drinks includes a 10% VAT tax.

Data

- By Item

  - Taxable Amount

  - Tax Amount

  - Indication whether or not this is an included tax

5.1 Conformance XML Instance Document – Normal VAT Taxes

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sale Item Level VAT (style) Tax Reporting    -->
<!--   Note: Tax element is inside LineItem / Sale -->
<!--   TaxIncludedInPriceFlag is true              -->
<!--   Transaction Net Total = Grand Total because -->
```

```xml
<!--  tax is included in item lookup price.       -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
   <Transaction>
     <BusinessUnit>
        <UnitID>HighStreet</UnitID>
     </BusinessUnit>
     <WorkstationID>POS5</WorkstationID>
     <SequenceNumber>4294967295</SequenceNumber>
     <OperatorID>John</OperatorID>
     <RetailTransaction>
       <LineItem>
          <Sale ItemType="Stock">
            <POSIdentity>
               <POSItemID>01234567890123</POSItemID>
            </POSIdentity>
            <ExtendedAmount>4.95</ExtendedAmount>
            <Quantity>3</Quantity>
            <Tax TaxType="VAT">
               <Amount>0.45</Amount>
               <Percent>10.00</Percent>
            </Tax>
            <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
          </Sale>
          <SequenceNumber>1</SequenceNumber>
       </LineItem>
       <LineItem>
          <Tender TenderType="Cash" TypeCode="Sale">
            <Amount>4.95</Amount>
          </Tender>
          <SequenceNumber>2</SequenceNumber>
       </LineItem>
     </RetailTransaction>
   </Transaction>
</POSLog>
```

5.2 Scenario: VAT Tax on Transaction (V2.1)

Brief Description
A customer buys an item at an airport. In addition to the VAT on the individual items, there is a fixed VAT amount on the transaction.

Assumption

Pre-Conditions

Post-Conditions

Scenario Description
Customer buys three soft drinks for 1.65 AUD each and bagel for 2.00 AUD at the airport. The lookup prices of the items include a 10% VAT tax.

Data
- On each item:
    - Taxable Amount
    - Tax Amount
    - Tax Included Flag
- A line item on the transaction:
    - Taxable Amount
    - Tax Amount
    - Tax Included Flag

5.2 Conformance XML Instance Document – VAT On Transaction

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sale Item Level VAT (style) Tax Reporting     -->
<!--  Note:  Tax element  inside LineItem / Sale   -->
<!--  TaxIncludedInPriceFlag is true           -->
<!--  LineItem/Tax summarises tax for transaction  -->
<!--  Transaction Net Total = Grand Total because  -->
<!--  tax is included in item lookup price.        -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <!--  3 soft drinks -->
          <ExtendedAmount>4.95</ExtendedAmount>
          <Quantity>3</Quantity>
          <Tax TaxType="VAT">
            <Amount>0.45</Amount>
            <Percent>10.00</Percent>
```

```
                            </Tax>
                            <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
                        </Sale>
                        <SequenceNumber>1</SequenceNumber>
                    </LineItem>
                    <LineItem>
                        <Sale ItemType="Stock">
                            <POSIdentity>
                                <POSItemID>01234567890332</POSItemID>
                            </POSIdentity>
                            <ExtendedAmount>2.00</ExtendedAmount>
                            <Tax TaxType="VAT">
                                <Amount>0.18</Amount>
                                <Percent>10.00</Percent>
                            </Tax>
                            <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
                        </Sale>
                        <SequenceNumber>2</SequenceNumber>
                    </LineItem>
                    <LineItem>
                        <Tax TaxType="VAT">
                            <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">6.95</TaxableAmount>
                            <Amount>0.63</Amount>
                            <Percent>10.00</Percent>
                        </Tax>
                        <SequenceNumber>3</SequenceNumber>
                    </LineItem>
                    <LineItem>
                        <Tender TenderType="Cash" TypeCode="Sale">
                            <Amount>7.58</Amount>
                        </Tender>
                        <SequenceNumber>4</SequenceNumber>
                    </LineItem>
                </RetailTransaction>
            </Transaction>
        </POSLog>
```

5.3 Scenario: Multiple VAT Tax on Kit (V2.1)

Brief Description

A customer purchases a kit. The single kit parts are taxed at a different VAT tax rate.

Assumption

Pre-Conditions

Post-Conditions

Scenario Description

Customer purchases a child's toy. As a part of the "kit" she gets a bottle of aspirin. The 2 parts of the "kit" – the contained toy itself and the bottle of aspirin - are taxed at a different rate.

Data

- On Each Member of a Kit

    o Taxable Amount

    o Tax Amount

5.3 Conformance XML Instance Document – Multiple VAT Taxes on Kits

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sale Item Level VAT (style) Tax Reporting          -->
<!--  Note:  Tax element  inside LineItem / Sale / Kit / Member   -->
<!--   TaxIncludedInPriceFlag is true               -->
<!--  Transaction Net Total = Grand Total because tax is included -->
<!--  in item lookup prices.                      -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
       <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="ItemCollection">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <!-- <MerchandiseHierarchy
Level="Department">Toys</MerchandiseHierarchy> -->
          <!-- Child's Toy -->
          <ExtendedAmount>99.00</ExtendedAmount>
          <Quantity>1</Quantity>
          <Kit>
            <Member Action="IsPartOf">
              <Sale ItemType="Stock">
                <POSIdentity POSIDType="GTIN">
                  <POSItemID>2342345</POSItemID>
                </POSIdentity>
                <ExtendedAmount>95.00</ExtendedAmount>
                <Quantity>1</Quantity>
                <Tax TaxType="VAT" TaxSubType="Standard">
                  <Amount>8.64</Amount>
                  <Percent>10.00</Percent>
```

```
              </Tax>
              <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
            </Sale>
          </Member>
          <Member Action="IsPartOf">
            <Sale ItemType="Stock">
              <POSIdentity POSIDType="GTIN">
                <POSItemID>345675</POSItemID>
              </POSIdentity>
              <ExtendedAmount>4.00</ExtendedAmount>
              <Quantity>1</Quantity>
              <Tax TaxType="VAT" TaxSubType="Standard">
                <Amount>0.49</Amount>
                <Percent>14.00</Percent>
              </Tax>
              <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
            </Sale>
          </Member>
        </Kit>
      </Sale>
      <SequenceNumber>1</SequenceNumber>
    </LineItem>
    <LineItem>
      <Tender TenderType="Cash" TypeCode="Sale">
        <Amount>99</Amount>
      </Tender>
      <SequenceNumber>2</SequenceNumber>
    </LineItem>
  </RetailTransaction>
 </Transaction>
</POSLog>
```

5.4 Scenario: Zero Percent VAT Tax and Normal VAT Tax on the Same Transaction (V2.1)

Brief Description
A customer buys two items. One has a VAT Tax, but the other doesn't.

Assumption
In many places VAT tax is calculate on the entire transaction but this example is showing how the Tax is calculated on item level.

Pre-Conditions

Post-Conditions

Scenario Description
Customer buys three bagels for 1.65 AUD each and a bottle of aspirin for 4.00 AUD. For the bagels, 10% VAT Tax apply whereas there is no VAT tax on the medicine.

Data

- On each Item:
  - Taxable Amount
  - Tax Amount
  - Tax Percentage

5.4 Conformance XML Instance Document - Zero Percent VAT Tax and Normal VAT in Same Transaction

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sale Item Level VAT (style) Tax Reporting    -->
<!--  Note:  Tax element  inside LineItem / Sale  -->
<!--   Different tax rates on different items    -->
<!--   TaxIncludedInPriceFlag is true         -->
<!--  Transaction Net Total = Grand Total because -->
<!--   tax is included in item lookup price.    -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
  MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <!-- Bagels -->
          <ExtendedAmount>4.95</ExtendedAmount>
          <Quantity>3</Quantity>
          <Tax TaxType="VAT">
            <TaxableAmount>4.95</TaxableAmount>
            <Amount>0.45</Amount>
            <Percent>10.00</Percent>
          </Tax>
          <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
        </Sale>
        <SequenceNumber>1</SequenceNumber>
      </LineItem>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890444</POSItemID>
          </POSIdentity>
```

```xml
                    <!-- Aspirin -->
                    <ExtendedAmount>4.00</ExtendedAmount>
                    <Quantity>1</Quantity>
                    <Tax TaxType="VAT" TaxSubType="ZeroRated">
                        <TaxableAmount>4.00</TaxableAmount>
                        <Amount>0.00</Amount>
                        <Percent>0.00</Percent>
                    </Tax>
                    <TaxIncludedInPriceFlag>true</TaxIncludedInPriceFlag>
                </Sale>
                <SequenceNumber>2</SequenceNumber>
            </LineItem>
            <LineItem>
                <Tender TenderType="Cash" TypeCode="Sale">
                    <Amount>8.95</Amount>
                </Tender>
                <SequenceNumber>3</SequenceNumber>
            </LineItem>
        </RetailTransaction>
    </Transaction>
</POSLog>
```

5.5 Scenario: VAT Luxury Tax (V2.1)

Brief Description
A customer purchases an expensive item. Instead of the normal VAT tax a luxury VAT tax applies to that item. (The luxury tax is a higher rate of tax, not a separate tax on top of the normal rate not inclusive of customs duties or other types of fees.)

Assumption

Pre-Conditions

Post-Conditions

Scenario Description
Customer purchases a watch for 206.25 AUD. A luxury VAT tax of 25% applies to it.

Data
- On Each Item
    - Indication this is a Luxury Tax
    - Taxable Amount
    - Tax Amount

5.5 Conformance XML Instance Document - VAT Luxury Tax

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Sale Item Level VAT (style) Tax Reporting              -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
```

```xml
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
      MajorVersion="6" MinorVersion="0" FixVersion="0">
    <Transaction>
      <BusinessUnit>
        <UnitID>HighStreet</UnitID>
      </BusinessUnit>
      <WorkstationID>POS5</WorkstationID>
      <SequenceNumber>4294967295</SequenceNumber>
      <OperatorID>John</OperatorID>
      <RetailTransaction>
        <LineItem>
          <Sale ItemType="Stock">
            <POSIdentity>
              <POSItemID>01234567890123</POSItemID>
            </POSIdentity>
            <!-- Watch -->
            <ExtendedAmount>206.25</ExtendedAmount>
            <Quantity>1</Quantity>
            <Tax TaxType="VAT" TaxSubType="Luxury">
              <SequenceNumber>1</SequenceNumber>
              <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">165.00</TaxableAmount>
              <Amount>41.25</Amount>
              <Percent>25.00</Percent>
            </Tax>
          </Sale>
          <SequenceNumber>1</SequenceNumber>
        </LineItem>
        <LineItem>
          <Tender TenderType="Cash" TypeCode="Sale">
            <Amount>206.25</Amount>
          </Tender>
          <SequenceNumber>2</SequenceNumber>
        </LineItem>
      </RetailTransaction>
    </Transaction>
</POSLog>
```

6. USE Case: Tax Forgiven

6.1 Scenario: Illinois Food Stamps (V2.1)

Brief Description
Customer selects one or more items and purchases them with food stamps in a location where the taxes are forgiven.

Assumption

Pre-Conditions

Post-Conditions

Scenario Description
Customer purchases three soft drinks for 1.63 USD each. Normally, a sales tax of 10% applies for them. But as Bill pays with foodstamps the sales tax is forgiven.

Data
A line item on the Transaction:
- Food Stamp Amount

A line item on the Transaction:
- Total Taxable Amount
- Total Tax Amount
- Tax Forgiven Amount

6.1 Conformance XML Instance Document - "Illinois" Food Stamps

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting        -->
<!--   Note: Sales Tax Override for FoodStamps purchase -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" MinorVersion="0" FixVersion="0">
   <Transaction>
     <BusinessUnit>
       <UnitID>HighStreet</UnitID>
     </BusinessUnit>
     <WorkstationID>POS5</WorkstationID>
     <SequenceNumber>4294967295</SequenceNumber>
     <OperatorID>John</OperatorID>
     <RetailTransaction>
       <LineItem>
         <Sale ItemType="Stock">
           <POSIdentity>
             <POSItemID>01234567890123</POSItemID>
           </POSIdentity>
           <!-- 3 soft drinks -->
```

```xml
                <ExtendedAmount>4.89</ExtendedAmount>
                <Quantity>3</Quantity>
            </Sale>
            <SequenceNumber>1</SequenceNumber>
        </LineItem>
        <LineItem>
            <Tender TenderType="FoodStamps" TypeCode="Sale">
                <Amount>10.00</Amount>
                <FoodStamps>
                    <FederalID>1312-12</FederalID>
                    <SerialNumber>1234568</SerialNumber>
                </FoodStamps>
            </Tender>
            <SequenceNumber>2</SequenceNumber>
        </LineItem>
        <LineItem>
            <Tax TaxType="Sales">
                <SequenceNumber>1</SequenceNumber>
                <Amount>0.48</Amount>
                <!-- This is the total of what the tax would be, the change is described in the
override -->
                <Percent>0.00</Percent>
                <TaxOverride>
                    <CustomerOverrideID/>
                    <TaxableAmount>4.89</TaxableAmount>
                    <OriginalPercent>10.00</OriginalPercent>
                    <OriginalTaxAmount>0.48</OriginalTaxAmount>
                    <NewTaxPercent>0.00</NewTaxPercent>
                    <NewTaxAmount>0.00</NewTaxAmount>
                    <ReasonCode>FoodStamps</ReasonCode>
                </TaxOverride>
            </Tax>
            <SequenceNumber>3</SequenceNumber>
        </LineItem>
    </RetailTransaction>
  </Transaction>
</POSLog>
```

6.2 Scenario: Some of the Items are Taxed and Others Are Not in the Same Transaction (V2.1)

Brief Description
A customer purchases some of their items with food stamps and others in the same transaction with cash.

Assumption

Pre-Conditions

Post-Conditions

Scenario Description

Customer purchases a soft drink for 1.63 USD and 2 chocolate bars for 1.63 USD each. Normally, a sales tax of 10% would apply for the entire purchase. However the customer pays for the soft drink with foodstamps so sales tax is forgiven. Customer pays for the other items with cash, so the regular sales tax applies to them.

Data

- On each Item:
    - Taxable Amount
    - Tax Amount
    - Tax Forgiven Amount – where applicable

- A line item on the Transaction:
    - Food Stamp Amount
    - Food Stamps Serial Number

- A line item on the Transaction
    - Total Taxable Amount
    - Total Tax Amount

6.2 Conformance XML Instance Document - Some of the Items are Taxed and Others Are Not in the Same Transaction

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting        -->
<!--  Note: Sales Tax Override for FoodStamps purchase -->
<!--   on only some line items                -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
  MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <!-- Soft drink with no tax -->
          <ExtendedAmount>1.63</ExtendedAmount>
          <Quantity>1</Quantity>
```

```
              <Tax TaxType="Sales">
                 <SequenceNumber>1</SequenceNumber>
                 <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">1.63</TaxableAmount>
                 <Amount>0.00</Amount>
                 <Percent>0.00</Percent>
                 <TaxOverride>
                    <CustomerOverrideID/>
                    <OriginalPercent>10.00</OriginalPercent>
                    <OriginalTaxAmount>0.16</OriginalTaxAmount>
                    <NewTaxPercent>0.00</NewTaxPercent>
                    <NewTaxAmount>0.00</NewTaxAmount>
                    <ReasonCode>FoodStamps</ReasonCode>
                 </TaxOverride>
              </Tax>
           </Sale>
           <SequenceNumber>1</SequenceNumber>
        </LineItem>
        <LineItem>
           <Sale ItemType="Stock">
              <POSIdentity>
                 <POSItemID>0123456789444</POSItemID>
              </POSIdentity>
              <Description>Chocolate Bar</Description>
              <ActualSalesUnitPrice>1.63</ActualSalesUnitPrice>
              <ExtendedAmount>3.26</ExtendedAmount>
              <Quantity>2</Quantity>
           </Sale>
           <SequenceNumber>2</SequenceNumber>
        </LineItem>
        <!-- Tax on the entire transaction -->
        <LineItem>
           <Tax TaxType="Sales">
              <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">3.26</TaxableAmount>
              <Amount>0.32</Amount>
              <Percent>10.00</Percent>
           </Tax>
           <SequenceNumber>3</SequenceNumber>
        </LineItem>
        <LineItem>
           <Tender TenderType="FoodStamps" TypeCode="Sale">
              <Amount>1.63</Amount>
              <FoodStamps>
                 <FederalID>123132-012</FederalID>
                 <SerialNumber>1234568</SerialNumber>
              </FoodStamps>
           </Tender>
           <SequenceNumber>4</SequenceNumber>
        </LineItem>
        <LineItem>
```

```
        <Tender TenderType="Cash" TypeCode="Sale">
          <Amount>3.58</Amount>
        </Tender>
        <SequenceNumber>5</SequenceNumber>
      </LineItem>
    </RetailTransaction>
  </Transaction>
</POSLog>
```

7. USE Case: Tax Exempt

Diplomats are tax exempt, while aides attached to an embassy receive a tax reduction of 5%.

There can be tax exempt - people who have a tax exempt status
  a. Senior Citizen
  b. Foreign national
  c. Non-profit organization
  d. Duty Free – import or export

7.1 Scenario: Duty Free Tax Exemption (V2.1)

Brief Description
A customer purchases an item at the airport en route to a foreign country in the Duty Free Shop.

Assumption

Pre-Conditions

Post-Conditions

Scenario Description
A passenger has checked in for a flight from Los Angeles to Paris. While waiting for boarding, he purchases three chocolate bars for 1.63 USD each in the duty free shop. Normally, a sales tax of 10% would apply for this purchase, however the passenger is checked in for an international flight, so the purchase is tax-free.

Data
  - A line item on the Transaction:
    o Certificate Number (flight number)

    o Tax Exempt Amount

    o Tax Exempt Reason

7.1 Conformance XML Instance Document - Duty Free Tax Exemption

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- Transaction Level SalesTax Reporting          -->
<!--   Note: Sales Tax Exemption for Duty Free purchase -->
<!--     Addition of TransactionTaxExemptAmount total   -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
  MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
```

```xml
        <SequenceNumber>4294967295</SequenceNumber>
        <OperatorID>John</OperatorID>
        <RetailTransaction>
          <LineItem>
            <Sale ItemType="Stock">
              <POSIdentity>
                <POSItemID>01234567890123</POSItemID>
              </POSIdentity>
              <ExtendedAmount>4.89</ExtendedAmount>
              <Quantity>3</Quantity>
            </Sale>
            <SequenceNumber>1</SequenceNumber>
          </LineItem>
          <LineItem>
            <Tax TaxType="Sales">
              <TaxableAmount
TaxIncludedInTaxableAmountFlag="false">4.89</TaxableAmount>
              <Amount>0.00</Amount>
              <Percent>0.00</Percent>
              <TaxExemption>
                <!-- Put flight number here -->
                <CustomerExemptionID>QF 115</CustomerExemptionID>
                <ExemptTaxAmount>0.49</ExemptTaxAmount>
              </TaxExemption>
            </Tax>
            <SequenceNumber>2</SequenceNumber>
          </LineItem>
          <LineItem>
            <Tender TenderType="Cash" TypeCode="Sale">
              <Amount>4.89</Amount>
            </Tender>
            <SequenceNumber>3</SequenceNumber>
          </LineItem>
          <Total TotalType="TransactionTaxExemptAmount">0.49</Total>
        </RetailTransaction>
      </Transaction>
</POSLog>
```

7.2 Scenario: Tax Exemption by Age (V2.1)

Brief Description
An elderly customer purchases an item and gets a tax exemption.

Assumption

Pre-Conditions
Post-Conditions

Scenario Description

Roy purchases 3 chocolate bars for 1.63 USD each. Normally, a sales tax of 10% would apply for his purchase. But Roy is exempted from paying tax because of his age. He presents his certificate to the cashier. Thus, he has not to pay any tax.

Data
A line item on the Transaction:

- Tax Exempt Amount

- Reason for Tax Exemption

- Certificate Number

- Certificate Holder Name

7.2 Conformance XML Instance Document - Tax Exemption by Age

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<!-- Transaction Level SalesTax Reporting          -->
<!--   Note: Sales Tax Exemption for Older Customer    -->
<!--     Addition of TransactionTaxExemptAmount total  -->
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
..\POSLogV6.0.0.xsd"
  MajorVersion="6" MinorVersion="0" FixVersion="0">
  <Transaction>
    <BusinessUnit>
      <UnitID>HighStreet</UnitID>
    </BusinessUnit>
    <WorkstationID>POS5</WorkstationID>
    <SequenceNumber>4294967295</SequenceNumber>
    <OperatorID>John</OperatorID>
    <RetailTransaction>
      <LineItem>
        <Sale ItemType="Stock">
          <POSIdentity>
            <POSItemID>01234567890123</POSItemID>
          </POSIdentity>
          <Description>Chocolate Bar</Description>
          <ActualSalesUnitPrice>1.63</ActualSalesUnitPrice>
          <ExtendedAmount>4.89</ExtendedAmount>
          <Quantity>3</Quantity>
        </Sale>
        <SequenceNumber>1</SequenceNumber>
      </LineItem>
      <LineItem>
        <Tax TaxType="Sales">
          <TaxableAmount>4.89</TaxableAmount>
          <Amount>0.00</Amount>
          <Percent>0.00</Percent>
          <TaxExemption>
            <CustomerExemptionID/>
            <ExemptTaxableAmount>4.89</ExemptTaxableAmount>
```

```xml
          <ExemptTaxAmount>0.48</ExemptTaxAmount>
          <ReasonCode>Age</ReasonCode>
          <CertificateNumber>645345</CertificateNumber>
          <CertificateHolderName>Joe Cool</CertificateHolderName>
        </TaxExemption>
      </Tax>
      <SequenceNumber>2</SequenceNumber>
    </LineItem>
    <LineItem>
      <Tender TenderType="Cash" TypeCode="Sale">
        <Amount>4.89</Amount>
      </Tender>
      <SequenceNumber>3</SequenceNumber>
    </LineItem>
    <Total TotalType="TransactionNetAmount">4.89</Total>
    <Total TotalType="TransactionTaxAmount">0.00</Total>
    <Total TotalType="TransactionTaxExemptAmount">0.48</Total>
    <Total TotalType="TransactionGrandAmount">4.89</Total>
  </RetailTransaction>
 </Transaction>
</POSLog>
```

7.3 Scenario: Tax Exemption for Non-Profit Group (V2.1)

Brief Description
Non-profit organizations are exempted from paying tax.

Assumption
Pre-Conditions
Post-Conditions

Scenario Description
A customer who is the president of the local football association purchases three chocolate bars for 1.63 GBP each. Normally, a sales tax of 10% would apply for this purchase but the association is exempted from paying tax. The customer presents the tax exempt certificate of the association to the cashier and does not pay any tax for this purchase.

Data
A line item on the Transaction;
- Tax Exempt Amount
- Certificate Number

7.3 Conformance XML Instance Document - Tax Exemptions For Non-Profit Group

```xml
<?xml version="1.0" encoding="UTF-8"?>
  <!-- Transaction Level SalesTax Reporting          -->
  <!--   Note: Sales Tax Exemption for Non-Profit Org Customer -->
  <!--     Addition of TransactionTaxExemptAmount total       -->
  <POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
```

```xml
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
      MajorVersion="6" MinorVersion="0" FixVersion="0">
   <Transaction>
      <BusinessUnit>
         <UnitID>HighStreet</UnitID>
      </BusinessUnit>
      <WorkstationID>POS5</WorkstationID>
      <SequenceNumber>4294967295</SequenceNumber>
      <OperatorID>John</OperatorID>
      <RetailTransaction>
         <LineItem>
            <Sale ItemType="Stock">
               <POSIdentity>
                  <POSItemID>01234567890123</POSItemID>
               </POSIdentity>
               <!-- <Description>Chocolate Bar</Description> -->
               <!-- <ActualSalesUnitPrice>1.63</ActualSalesUnitPrice> -->
               <ExtendedAmount>4.89</ExtendedAmount>
               <Quantity>3</Quantity>
            </Sale>
            <SequenceNumber>1</SequenceNumber>
         </LineItem>
         <LineItem>
            <Tax TaxType="Sales">
               <TaxableAmount>4.89</TaxableAmount>
               <Amount>0.00</Amount>
               <Percent>0.00</Percent>
               <TaxExemption>
                  <CustomerExemptionID/>
                  <ExemptTaxableAmount>4.89</ExemptTaxableAmount>
                  <ExemptTaxAmount>0.48</ExemptTaxAmount>
                  <ReasonCode>NonProfit</ReasonCode>
                  <CertificateNumber>09823745-214</CertificateNumber>
                  <CertificateHolderName>Middletown Football
Association</CertificateHolderName>
               </TaxExemption>
            </Tax>
            <SequenceNumber>2</SequenceNumber>
         </LineItem>
         <LineItem>
            <Tender TenderType="Cash" TypeCode="Sale">
               <Amount>4.89</Amount>
            </Tender>
            <SequenceNumber>3</SequenceNumber>
         </LineItem>
         <Total TotalType="TransactionTaxExemptAmount">0.48</Total>
      </RetailTransaction>
   </Transaction>
```

```
</POSLog>
```

8. Version History

Version 1.0
Overview
New Features

Sections	Description of Change
	-

Minor fixes

Deprecation

Sections	Description of Change
	-

Compatibility/Dependencies Issues
Previous Document

9. GLOSSARY

Term	Definition