

Radiant NAXML Interface Guide

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Revision History

Revision	Date m/d/y	Author	Details
1	02/15/2004	Chad Strange	* Initial Revision
2	04/11/2005	John DeSetto	* Added fuel discount fields. Added version information for some fields.
3	05/25/2005	Jason Pastor	* Merged in Journal changes by Chad Strange * Added Item Type and Sub Type definitions * Added Sales Restriction definitions * Corrected some of the examples
4	06/01/2005	Jason Pastor	* Added some more comments/descriptions on fields
5	06/02/2005	Jason Pastor	* Added revision history * Removed tracking comments
6	07/11/2005	Steve Straley	* Added updated POSJournal documentation
7	08/07/2005	Raymond Prothero	* Added data type columns for imports
8	08/09/2005	Steve Straley	* Added Version Supported column to Journal tables * Modified 'default' description for PCATS certification
9	08/25/2005	Matt Miller	* Added support for Family Codes to ITT imports
10	09/01/2005	Matt Miller	* Added support for Link Codes
11	10/17/2005	Steve Straley	* Fixed tables and file name prefixes as well as formatting
12	10/18/2005	Steve Straley	* Fixed tables and example code
13	10/27/2005	Steve Straley	* Modified layout of Movement header to be in area of movement files. * Modified footer with correct date * Modified POSCodeFormat description * Modified PrimaryReportPeriod definition which showed STRING-based output. * Modified Sales Restrict Code table to include actual tag values and an example.
14	12/05/2005	Petre Alexandrescu	Added support for lottery winners in the MSM payouts section.
15	1/30/2006	Matt Miller	Added support for the StoreName in the TransmissionHeader of the Export files.

16	03/20/2006	Garry Black	Added missing PaymentSystemsProductCode into ITT Detail Added separate section for <SalesMovementHeader> description and updated movement file descriptions to remove duplication Added section for Cashiers Report (not yet populated)
17	04/04/2006	Paul Moczarski	Added new fields to CBT and MMT supported in 66C2 Added new fields to MSM, MCM and ISM supported in 66C2
18	04/07/2006	Karl Gould-Martin	Added optional fields to ITT, MMT and CBT for date time activation.
19	04/07/2006	Matt Miller	Moved the Transmission Header into its own section and updated the contents of the description table.
20	04/10/2006	Karl Gould-Martin	Added optional section <SubItemLine> to NAXMLPosJournal SalesEvent. Supporting 6.3.C7 and 6.6.C3 and higher.
21	07/07/2006	Petre Alexandrescu	Added extensions to ITT file for ProhibitSaleLocation and DisplayOrder
22	07/13/2006	Karl Gould-Martin	Added water extension to TPMDetail Added Fuel Product Movement (FPM) section
23	08/10/2006	Garry Black	Removed reference to StoreName extension in maintenance file transmission header. Updated element descriptions for ITT
24	11/03/2006	David Stahl	Added BusinessDate extension to the TransmissionHeader.
25	11/07/2006	Paul Moczarski	Changed description of ComboltemDiscountAllocation and added ComboltemDiscountAllocation__type
26	01/03/2008	Tom Hickey	Added information and samples for External_Reference_Id in the Discount Line section and for Loyalty Sales Events.

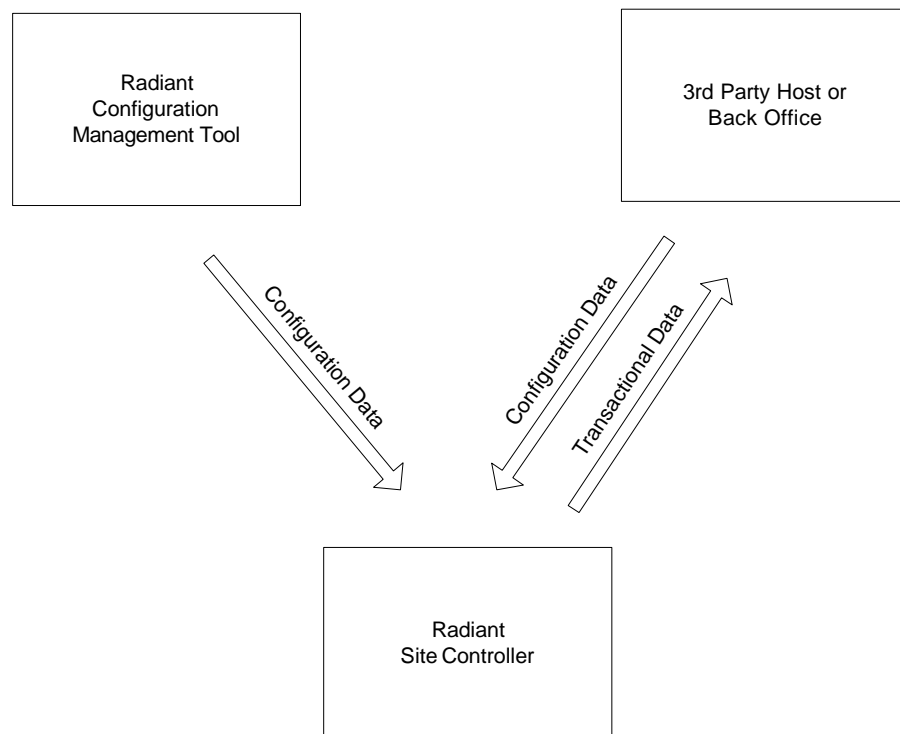
Introduction

The scope of the Radiant integration strategy is to support the delivery of configuration data to the Radiant site system and the delivery of transactional data captured by the Radiant site system to back office and above store systems.

Configuration data includes information needed by the Radiant POS and other Radiant supported devices or processes. Configuration data examples are: items, pricing, coupons, taxes, discounts, operators, labor punch rules, tank configuration, electronic payment configuration, fuel pump configuration, POS graphics/menus, loyalty setup, etc.

Transactional data is any information recorded by the Radiant site controller due to activity at the site. Transactional data examples include: sales summaries, transaction detail, labor punches, fuel tank and meter readings, cashier statistics, drawer events, inventory events, etc.

High Level Data Flows



Description of Components & Flow

- **The Radiant Configuration Management Tool** - this is the Radiant system for management of POS configuration data. It is use to configure data not provided by the Partners back office or above store solution. Data such as POS menu buttons, device configuration and receipt print format will usually be provided by the product. It is also capable of configuring data such as taxes, tenders, destinations, reason codes, etc.... when this data is not provided by the partner's solution.
- **Radiant Site Controller** – The Radiant Site Controller acts as the central hub for all information at the site. All configuration data is first captured with in the site controller database before being relayed to any devices at the site. Likewise all transactional data captured by site level devices or Radiant processes is stored in the site controller database before being exported to other systems.
- **3rd Party Host or Back Office** – This includes a partners EPR or Price book system that will centrally collect transactional data and possible centrally administer configuration data such as items, combo and pricing. It also includes a partners back office solution that will provide store operations and configuration functionality.

The NAXML Standard

NAXML is a data exchange standard based on XML as define by the National Association of Convenience Stores Technology Standards Committee. This document is based on version 3.2 of the standard with some minor extensions. All extensions to the NAXML Guidelines will be submitted as change requests to the NACS POS/Back Office Standards Committee for inclusion in the final version of the NAXML 3.3 POS/Back Office Interface Guidelines.

More information about the NAXML standard including DTD or XSD's for schema detail can be found on the NAXML web site: www.PCATS.org. (previously <http://www.naxml.org/>).

Supported Data

The following data is supported by the NAXML interface:

- **Configuration Data** – inputs to the POS
- **Transactional Data** – outputs from the POS

Configuration Data

Data Element	Description
Item Maintenance (ITT)	Provides the data elements needed at the POS system to sell an item
Merchandise Code Maintenance (MCT)	Provides data elements needed at the POS system to define merchandise code levels. Merchandise code is most commonly known as department or category level.
Item List Maintenance (ILT)	A group of items referred to by a combo or mix match
Combo Maintenance (CBT)	Provides data elements needed at the POS system to properly link and price items sold in a “combo”. A combo is defined as “selling a specific set of items at a promotional price such as 1 drink, 1 sandwich, and 1 bag of chips. Such items are generally not of the same product or family of products and generally do not have the same retail price. **Both a combo and a mix match are called an auto-combo in the Radiant product.
Mix Match Maintenance (MMT)	Provides data elements needed at the POS system to properly identify and price items in a mix-match scheme. Mix-Match is defined as “selling one or more items at a promotional price where the items are generally of the same product or family of products and generally have the same retail price.” An example of this pricing strategy is a promotion where candy bars are normally \$.59 each and a mix/match scheme is used to implement a “2 for \$.99” price for any two candy bars purchased.

Transactional Data

Data Element	Description
Fuel Grade Movement (FGM)	Provides data elements needed at the BO system to report fuel grade level sales. For a complete definition of fuel grade refer to the Glossary. It is implied that all fuel grade sales are included in the Merchandise Code Movement table (MCM) at the summary level either in total or by grade depending upon implementation setup.
Fuel Tank Product Movement (FTS)	Provides data elements needed at the BO system to report fuel product inventory levels. Fuel product is defined as the wet stock delivered into the storage tanks at the location.
Item Sales Movement (ISM)	Provides data elements needed at the BO system to report item sales. It is implied that all item sales are included in the Merchandise Code Movement table (MCM) at the summary level.
Merchandise Code Movement (MCM)	Provides data elements needed at the BO system to report merchandise code level sales. It is implied that both item sales and fuel grade sales are included in this table at some summary level depending upon implementation setup.
Miscellaneous Summary Movement (MSM)	Provides data elements needed at the BO system to report "non-sale" summary level detail for miscellaneous transactions, such as vendor payouts
Fuel Product Movement (FPM)	Allows the transmission of pure product sales meters from a blending dispenser..

Physical Data Exchange

All data is exchanged by placing files in a shared directory at the site. The files follow a specific naming convention:

XXXVVVYYYYMMDDHHMMSS.XML

- **XXX**- identifies the document type. There are specific import and export types described below.
- **VVV** – identifies the NAXML version (3.3).
- **YYYYMMDDHHMMSS** – identifies the date and time the file was created.

Imports into POS

The BO or HQ configuration system places the XML configuration files along with a manifest file into the shared directory. The manifest file acts as a confirmation file that lists the XML data files for processing. It also acts as a semaphore file to denote the transmission of data is complete. The support files types need to be identified using the following codes:

- **ITT** - Item Maintenance
- **ILT** - Item List Maintenance
- **MCT** - Merchandise Code Maintenance
- **MMT** - MixMatch Maintenance
- **CBM** - Combo Maintenance
- **SEM** - Semaphore file signaling completion of the file exchange. For now this can be any simply an empty file, since it's not currently used to drive file processing.

Exports from POS

The Radiant export module is kicked off when the End of Day process is performed at the site and will place export files into a designated directory.

- **EMC** - Employee timeclock reporting (POSJournal)
- **FGM** - FuelGradeMovement reporting
- **FTS** - FuelTankStockReport
- **ISM** - ItemSalesMovement reporting
- **MCM** - MerchandiseCodeMovement reporting
- **MSM** - MiscellaneousSummaryMovement reporting
- **FPM** - FuelProductMovement reporting

Transmission Header

The Transmission Header is present in both movement and maintenance files. The header can vary depending on the type of file:

Movement Header

```
<TransmissionHeader>
  <StoreLocationID>1234</StoreLocationID>
  <VendorName>Company</VendorName>
  <VendorModelVersion>Product</VendorModelVersion>
  <Extension>
    <radiant:StoreName>Business Unit Name</radiant:StoreName>
    <radiant:BusinessDate>2006-10-11</radiant:BusinessDate>
  </Extension>
</TransmissionHeader>
```

Maintenance Header

```
<TransmissionHeader>
  <StoreLocationID>1234</StoreLocationID>
  <VendorName>Company</VendorName>
  <VendorModelVersion>Product</VendorModelVersion>
</TransmissionHeader>
```

Element	Description	Radiant Data Type Description	Version Supported
StoreLocationID	The Retail Site number where the data applies	String field linked to site DB (Site_name). Driven from "business unit code" in POS Admin	6.3 C5
VendorName	The Vendor name of the data source	String field Not used In Site DB	6.3 C5
VendorModelVersion	The Product name and version of the source	String field Not used in Site DB	6.3 C5
radiant:StoreName	The business unit name read from the Site.site_long_name field. This element is not part of the NAXML standard and will appear as a child of the Extension element.	String field linked to site DB (Site_long_name). Driven from "business unit name" in POS Admin. Present only in movement files	6.6 C1
radiant:BusinessDate	The BusinessDate that this export file contains data for. This should be the same date found in the <MovementHeader>	DateFormat (YYYY-MM-DD)	6.C C2

Configuration Data Input Formats

Item Maintenance

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE NAXML-MaintenanceRequest SYSTEM "NAXML-PBIMaintenance33.dtd">
  <NAXML-MaintenanceRequest version="3.3">
    <TransmissionHeader>
      <StoreLocationID>1111</StoreLocationID>
      <VendorName>Company</VendorName>
      <VendorModelVersion>Product</VendorModelVersion>
    </TransmissionHeader>
    <ItemMaintenance>
      <TableAction type="update" />
      <ITTDetail>
        <RecordAction type="addchange" effectiveDate="2005-12-30"
effectiveTime="14:00"/>
        <ItemCode>
          <POSCode>01234567890</POSCode>
          <POSCodeFormat format="0" />
          <POSCodeModifier name="SINGLE">1</POSCodeModifier>
        </ItemCode>
        <ITTDData>
          <ActiveFlag value="yes"/>
          <MerchandiseCode>40</MerchandiseCode>
          <RegularSellPrice>1.59</RegularSellPrice>
          <Description>12oz Light Beer</Description>
          <PaymentSystemsProductCode>12</PaymentSystemsProductCode>
          <FamilyCode>123</FamilyCode>
          <ItemID>565103</ItemID>
          <ItemType>
            <ItemTypeCode>1</ItemTypeCode>
            <ItemTypeSubCode>1</ItemTypeSubCode>
          </ItemType>
          <LinkCode type="2">6</LinkCode>
          <SalesRestrictCode>0</SalesRestrictCode>
          <SellingUnits>1</SellingUnits>
          <TaxStrategyID>1</TaxStrategyID>
        </ITTDData>
      </ITTDetail>
      <ITTDetail>
        <RecordAction type="addchange" />
        <ItemCode>
          <POSCode>01234567890</POSCode>
          <POSCodeFormat format="0" />
          <POSCodeModifier name="6 pack">2</POSCodeModifier>
        </ItemCode>
        <ITTDData>
          <ActiveFlag value="yes"/>
          <MerchandiseCode>40</MerchandiseCode>
          <RegularSellPrice>6.99</RegularSellPrice>
          <Description>12oz Light Beer/6pk</Description>
          <PaymentSystemsProductCode>12</
PaymentSystemsProductCode>
          <FamilyCode>124</FamilyCode>
          <ItemID>565103</ItemID>
          <ItemType>
            <ItemTypeCode>1</ItemTypeCode>
            <ItemTypeSubCode>1</ItemTypeSubCode>
          </ItemType>
          <LinkCode type="2">8</LinkCode>
          <SalesRestrictCode>0</SalesRestrictCode>
          <SellingUnits>1</SellingUnits>
          <TaxStrategyID>1</TaxStrategyID>
        </ITTDData>
        <Extension>
          <radiant:ProhibitSaleLocation type="ICR" value="Yes"/>

```

```

        <radiant:DisplayOrder>1</radiant:DisplayOrder>
    </Extension>
</ITTDetail>
</ItemMaintenance>
</NAXML-MaintenanceRequest>

```

Element	Description	Radiant DataType Description
TableAction	Value: "update" – to existing data; "initialize" – delete existing data and replace	String Valid Values : "update", "initialize"
RecordAction@type	Value: "addchange", "delete"	String Valid Values : "addchange", "delete"
RecordAction@effectiveDate	Optional. Value: date the record will become active. If absent, current calendar date on site controller will be used.	Date. Valid Values : YYYY-MM-DD.
RecordAction@effectiveTime	Optional. Value: time the record will become active. If absent, midnight will be used.	Time. Valid Values : HH:MM.
POSCode	The PLU or Barcode number used to access an item's information. The code-coding scheme used is designated in POSCodeFormat. It is recommended that all POSCodes are padded to GTIN standards (14 digit) to effect full barcode processing logic at the POS	String defined by <POSCodeFormat>
POSCodeFormat	The type of coding scheme used in POSCode Value: "0" – UPC-A, "1" – UPC-E, "2" – EAN-8, "3" – EAN-13, "4" – PLU, "5" – GTIN This value is used in generating a unique key for the item, but otherwise does not have an effect on the barcode processing engine of RPOS.	String values of integers; Valid Values are: "0", "1", "2", "3", "4", and "5"
POSCodeModifier	Scan code or PLU modifier. In combination with POSCode and POSCodeFormat it uniquely identifies an item. If it is not used a value of "0" (zero) must be provided. It can be	Small Int

Element	Description	Radiant DataType Description
	used to indicate pricing level. Most often used for pack sizes.	
ActiveFlag	Defines if the item is eligible for sale. Default is no if element not specified.	String. Valid Values : yes and no.
MerchandiseCode	A required reference to to the Merchandise Code Structure. The Lowest level of merchandise hierarchy. Typically is referred to as department or category.	Long Int
RegularSellPrice	The regular retail price for the item	Money/Decimal
Description	Native language description of the transaction item.	String –Nvarchar (30)
PaymentSystemsProductCode	Code reported to the Credit processing host to indicate types of products being sold in the transaction. This value is user defined. Can be based on a standard (eg: PCATS). Default is Radiant standard	NAXMLDB. ITTDetail_PaymentSystems ProductCode\ Integer
FamilyCode	Used by Manufacturer Coupon functionality to ensure that the requirements of the scanned coupon are met.	Small Integer: 0 – 999
ItemID	Item identifier. This is a retailer assigned number that may be a SKU or a pricebook number but it is not a vendor number. It may group many POSCodes and does not need to be unique.. Not currently used by RPOS.	Long Integer Not Used
ItemTypeCode	Used to identify special item types. See Item Type Codes in appendix (pg 50).	Small Integer: 1,10,12,13, 15
ItemTypeSubCode	See Item Type Codes in appendix (pg 50). Element must be present even if data not required (as per table) eg: <ItemTypeSubCode>0</ItemTypeSubCode>	Small Integer : For Carwash = Controller Id , For Lottery = 0 or 1

Element	Description	Radiant DataType Description
LinkCode	<p>A reference either to another item or item list.</p> <p>Possible values for the “type” attribute:</p> <ul style="list-style-type: none"> 1 – Item is linked directly to another item. Not currently supported by RPOS. 2 – Item is linked to an Item List. 	Long Integer
SalesRestrictCode	<p>Used to indicate age restrictions for the item sales. See Sales Restrict Code in appendix (pg 51).</p> <p>This is a required element and must specify 0 if sales restriction is not required</p>	Small Integer : 0 – 23
SellingUnits	<p>Number of individual units in a transaction item at time of sale. For example, 6 for a 6 pack.</p> <p>This is a required element and must default to 1</p>	Long Integer
TaxStrategyID	<p>Bitmask field indicating the tax strategies to be applied to the item. 0 indicates non-taxable. Tax strategies are configured through POSAdmin.</p>	Long Integer
Extension	<p>Optional element defined by NAXML 3.3.4 schema. It can contain elements which are specific to the implementation. Radiant prefixes the new elements with “radiant” xml namespace. If “radiant:” elements are provided in the ITT file, then the radiant namespace needs to be declared in ITT file like this:</p> <pre><NAXML- MaintenanceRequest version="3.3" xmlns:radiant="http://www.radiantsystems.com"></pre>	

Element	Description	Radiant DataType Description
<code>radiant:ProhibitSaleLocation@type</code>	Indicates the location where the item is or it is not prohibited for sale. Currently we support only "ICR" location (e.g. <code><radiant:ProhibitSaleLocation type="ICR" value="Yes"/></code> or <code><radiant:ProhibitSaleLocation type="ICR" value="No"/></code>)	String. Valid values: ICR.
<code>radiant:ProhibitSaleLocation@value</code>	Indicates if at the location indicated by "type" attribute is prohibited or not for the item sale. The element <code>radiant:ProhibitSaleLocation</code> is optional, and if the element is not provided then then it is equivalent to: <code><radiant:ProhibitSaleLocation type="ICR" value="No"/></code>)	String. Valid Values: "Yes" and "No".
<code>radiant:DisplayOrder</code>	Indicates the order in which items are displayed on a specific device. Currently it is used only for ICR items (only carwashes) and it is used in ordering the carwashes on ICR.	Intiger

Merchandise Code Maintenance

Sample Document and Element Description

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE NAXML-MaintenanceRequest SYSTEM "NAXML-PBIMaintenance33.dtd">
<NAXML-MaintenanceRequest version="3.3">
  <TransmissionHeader>
    <StoreLocationID>1234</StoreLocationID>
    <VendorName>Company</VendorName>
    <VendorModelVersion>Product</VendorModelVersion>
  </TransmissionHeader>
  <MerchandiseCodeMaintenance>
    <TableAction type="update" />
    <MCTDetail>
      <RecordAction type="addchange" />
      <MerchandiseCode>40</MerchandiseCode>
      <MerchandiseCodeDescription>Beer</MerchandiseCodeDescription>
    </MCTDetail>
  </MerchandiseCodeMaintenance>
</NAXML-MaintenanceRequest>
```

Element	Description	Radiant DataType Description
TableAction	Value: "update" – to existing data; "initialize" – delete existing data and replace	String Valid Values : "update", "initialize"
RecordAction	Value: "addchange", "delete"	String Valid Values : "addchange", "delete"
MerchandiseCode	A unique number representing the Merchandise Code. The Lowest level of merchandise hierarchy. Typically is referred to as department or category. This may be taken from the NACS Category Definitions and Numbering Guide.	Long Integer Value : NACS Category Definitions and Numbering Guide
MerchandiseCodeDescription	Native language description of the merchandise code normally printed on the register tape.	String-NVarChar(31)

Item List Maintenance

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE NAXML-MaintenanceRequest SYSTEM "NAXML-PBIMaintenance33.dtd">
<NAXML-MaintenanceRequest version="3.3">
  <TransmissionHeader>
    <StoreLocationID>1234</StoreLocationID>
    <VendorName>Company</VendorName>
    <VendorModelVersion>Product</VendorModelVersion>
  </TransmissionHeader>
  <ItemListMaintenance>
    <TableAction type="update" />
    <ILTDetail>
      <RecordAction type="addchange" />
      <ItemListID>3</ItemListID>
      <ItemListDescription>Sides</ItemListDescription>
      <ItemListEntry>
        <ItemCode>
          <POSCodeFormat format="1" />
          <POSCode>201</POSCode>
          <POSCodeModifier>0</POSCodeModifier>
        </ItemCode>
      </ItemListEntry>
      <ItemListEntry>
        <ItemCode>
          <POSCodeFormat format="1" />
          <POSCode>202</POSCode>
          <POSCodeModifier>0</POSCodeModifier>
        </ItemCode>
      </ItemListEntry>
    </ILTDetail>
  </ItemListMaintenance>
</NAXML-MaintenanceRequest>

```

Field	Description	Radiant DataType Description
TableAction	Value: "update" – to existing data; "initialize" – delete existing data and replace	String Valid Values : "update", "initialize"
RecordAction	Value: "addchange", "delete"	String Valid Values : "addchange", "delete"
ItemListID	A pointer to the Item List Table.	Long Integer
ItemListDescription	A free form description of the list of items included in the list for the purposes of either a Mix-Match or Combo.	String-NVarChar(31)
POSCodeFormat	The type of coding scheme used in POSCode Value: "0" – UPC-A, "2" – EAN-8, "3" – EAN-13, "4" – PLU, "5" – GTIN	String values of integers; Valid Values are: "0", "1", "2", "3", "4", and "5"
POSCode	The scan code or PLU number used to access an item's information. The code-coding scheme used is designated in	Small Int defined by <POSCodeFormat>

Field	Description	Radiant DataType Description
	POSCodeFormat.	
POSCodeModifier	Specifies the pack quantity Value:	small integer

Combo Maintenance

Sample Document and Element Description

This sample will add an auto combo that gives 50% off an item in list 1 if 2 items are purchased from item list 2.

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE NAXML-MaintenanceRequest SYSTEM "NAXML-PBIMaintenance33.dtd">
<NAXML-MaintenanceRequest version="3.3">
  <TransmissionHeader>
    <StoreLocationID>1234</StoreLocationID>
    <VendorName>Company</VendorName>
    <VendorModelVersion>Product</VendorModelVersion>
  </TransmissionHeader>
  <ComboMaintenance>
    <TableAction type="update" />
    <CBTDetail>
      <RecordAction type="addchange" />
      <ComboID>1</ComboID>
      <ComboDescription>Burger Combo</ComboDescription>
      <ComboPrice></ComboPrice>
      <ComboMaximum></ComboMaximum>
      <ComboList>
        <ComboItemList>
          <ItemListID>1</ItemListID>
          <ComboItemQuantity>1</ComboItemQuantity>
          <ComboItemUnitPrice />
          <ComboItemDiscountAllocation type="percent">50</ComboItemDiscountAllocation>
        <Extension>
          <radiant:DiscountExternalID>1a</radiant:DiscountExternalID>
        </Extension>
      </ComboItemList>
      <ComboItemList>
        <ItemListID>2</ItemListID>
        <ComboItemQuantity>2</ComboItemQuantity>
        <ComboItemUnitPrice />
        <ComboItemDiscountAllocation type="percent">0</ComboItemDiscountAllocation>
      <Extension>
        <radiant:DiscountExternalID>1b</radiant:DiscountExternalID>
      </Extension>
    </ComboItemList>
  </ComboList>
  <StartDate>2006-01-01</StartDate>
  <StartTime>01:00</StartTime>
  <StopDate>2006-01-30</StopDate>
  <StopTime>01:00</StopTime>
</CBTDetail>
</ComboMaintenance>
</NAXML-MaintenanceRequest>
```

Element	Description	Radiant Data Type Description
TableAction	Value: "update" – to existing data; "initialize" – delete existing data and replace	String Valid Values : "update", "initialize"
RecordAction	Value: "addchange", "delete"	String Valid Values : "addchange", "delete"
ComboID	A unique identifier of the combo. Value: integer	Long Integer
ComboDescription	A free form description of	String-NVarChar(31)

Element	Description	Radiant DataType Description
	the combination offered for sale – “combo”, i.e., “Manager’s Special”, “Sandwich Combo”, etc.	
ComboPrice	The RegularSellPrice of the combo. Not currently used by RPOS.	Money/Decimal : Currently not used
ComboMaximum	Maximum number of this combo allowed in a sales transaction. Not currently used by RPOS.	Integer: Not currently Used
ItemListID	A reference to the Item List Table. Value: integer	Long Integer
ComboItemQuantity	The quantity of the individual item in the combo, i.e., one sandwich, or one bag of chips, or one large soft drink.	Integer
ComboItemUnitPrice	The individual retail price of the item when included in the combo identified in the ComboID. This will reflect the effect of applying a discount to be item from its RegularSellPrice.	Money/Decimal
ComboItemDiscountAllocation	ComboDiscountAllocation permits the BOS to designate how promotion discounts are to be allocated to the items in a promotion. To allocate no discount, one would use an amount or percent of zero.	nullable varchar (10)
ComboItemDiscountAllocation__Type	The attribute “type” can be set to the following values: (no value or empty attribute), “none”, “amount”, or “percent”.	nullable varchar (10)
radiant:DiscountExternalID	This element will appear as a child of the new Extension element added to PBI Maintenance version 3.2 DTD.	nullable nvarchar (40)

Element	Description	Radiant DataType Description
	<p>New Radiant extension references to external identifier for items in a combo list.</p> <p>Uniqueness of external identifier is not enforced by the system currently, therefore, if integers are used to identify combos from external systems, it is recommended that external IDs to be less than 1000000 as anything in million range is reserved for EP internal ids and trillion is reserved for RAD PDI importer internal ids.</p>	
StartDate	<p>Optional.</p> <p>Value: date the record will become active. If absent, today will be used.</p>	Date. Valid Values : YYYY-MM-DD.
StartTime	<p>Optional.</p> <p>Value: time the record will become active. If absent, midnight will be used.</p>	Time. Valid Values : HH:MM.
StopDate	<p>Optional.</p> <p>Value: date the record will cease to be active. If absent, the item will not expire.</p>	Date. Valid Values : YYYY-MM-DD.
StopTime	<p>Optional.</p> <p>Value: time the record will cease to be active. If absent, and StopDate is specified, midnight will be used on the date in StopDate.</p>	Time. Valid Values : HH:MM.

Mix Match Maintenance

Sample Document and Element Description

This sample creates a 3 for \$1.00 combo for items in list 5.

```
<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE NAXML-MaintenanceRequest SYSTEM "NAXML-PBIMaintenance33.dtd">
<NAXML-MaintenanceRequest version="3.3">
  <TransmissionHeader>
    <StoreLocationID>1234</StoreLocationID>
    <VendorName>Company</VendorName>
    <VendorModelVersion>Product</VendorModelVersion>
  </TransmissionHeader>
  <MixMatchMaintenance>
    <TableAction type="update" />
    <MMTDetail>
      <RecordAction type="addchange" />
      <MixMatchID>1</MixMatchID>
      <MixMatchDescription>1.5oz Candy Bar 3for</MixMatchDescription>
      <ItemListID>5</ItemListID>
    </MMTDetail>
    <StartDate>2006-01-01</StartDate>
    <StartTime>01:00</StartTime>
    <StopDate>2006-01-30</StopDate>
    <StopTime>01:00</StopTime>
    <MixMatchEntry>
      <MixMatchUnits>3</MixMatchUnits>
      <MixMatchPrice>1.00</MixMatchPrice>
    </MixMatchEntry>
    <Extension>
      <radiant:DiscountExternalID>1a</radiant:DiscountExternalID>
    </Extension>
  </MixMatchMaintenance>
</NAXML-MaintenanceRequest>
```

Element	Description	Radiant DataType Description
TableAction	Value: "update" – to existing data; "initialize" – delete existing data and replace	String Valid Values : "update", "initialize"
RecordAction	Value: "addchange", "delete"	String Valid Values : "addchange", "delete"
MixMatchID	The identification of the particular mix-match pricing scheme.	Long Integer
MixMatchDescription	A free form description of the Mix-Match sales unit.	String-NVarChar(31)
ItemListID	A pointer to the Item List Table.	Long Integer
StartDate	Optional. Value: date the record will become active. If absent, today will be used.	Date. Valid Values : YYYY-MM-DD.
StartTime	Optional.	Time. Valid Values : HH:MM.

Element	Description	Radiant DataType Description
	Value: time the record will become active. If absent, midnight will be used.	
StopDate	Optional. Value: date the record will cease to be active. If absent, the item will not expire.	Date. Valid Values : YYYY-MM-DD.
StopTime	Optional. Value: time the record will cease to be active. If absent, and StopDate is specified, midnight will be used on the date in StopDate.	Time. Valid Values : HH:MM.
MixMatchUnits	The number of units that need to be purchased to qualify for this price.	Integer
MixMatchPrice	The total price for this quantity purchase level.	Money/Decimal
radiant:DiscountExternalID	<p>This element will appear as a child of the new Extension element added to PBI Maintenance version 3.2 DTD.</p> <p>New Radiant extension references to external identifier for items in a mix match list.</p> <p>Uniqueness of external identifier is not enforced by the system currently, therefore, if integers are used to identify mix match item lists from external systems, it is recommended that external IDs to be less than 1000000 as anything in million range is reserved for EP internal ids and trillion is reserved for RAD PDI importer internal ids.</p>	nullable nvarchar (40)

POS Transactional Data Export Formats

Movement Header

The following set of tags is repeated in each movement file to identify the date and time associated with the file:

```
<MovementHeader>  
  <ReportSequenceNumber>1</ReportSequenceNumber>  
  <PrimaryReportPeriod>2</PrimaryReportPeriod>  
  <SecondaryReportPeriod/>  
  <BusinessDate>2003-11-19</BusinessDate>  
  <BeginDate>2003-11-19</BeginDate>  
  <BeginTime>09:01:34</BeginTime>  
  <EndDate>2003-11-20</EndDate>  
  <EndTime>09:01:54</EndTime>  
</MovementHeader>
```

Element	Description	Radiant DataType Description
ReportSequenceNumber	A unique sequential report control number.	Long Int
PrimaryReportPeriod	The major reporting period associated with the data. It is typically a business day.	Static (Int) valid values include Value: 1-shift close, 2-day close, 98-cashier close
SecondaryReportPeriod	This is the secondary reporting period that is a subset of the major reporting period.	Long Int
BusinessDate	The current business date assigned by the POS. It may not be the same as the calendar date.	DateFormat (YYYY-MM-DD)
BeginDate	Beginning date of reporting period..	DateFormat (YYYY-MM-DD)
BeginTime	Beginning time of reporting period.	Timeformat(HH:MM:SS)
EndDate	Ending date of reporting period.	DateFormat (YYYY-MM-DD)
EndTime	Ending time of reporting period.	Timeformat(HH:MM:SS)

Sales Movement Header

The following set of tags is repeated in the majority of movement files to identify specific details on the shift/cashier/till.

Implemented in:

- Item Sales Movement
- Miscellaneous Summary Movement
- Merchandise Code Movement
- Fuel Grade Movement

Sales MovementHeader Element	Description	Version Supported
CashierID	Identifies the cashier conducting the transaction(s) in the reporting period.	6.1.16XXX Tag supported, populated only in Cashier report
RegisterID	The identification of the register that finalized the sales being reported. This is typically the register number.	6.1.16XXX Tag supported, populated only in Cashier report
TillID	Identifies the till in a multiple till per	6.1.16XXX

Sales MovementHeader Element	Description	Version Supported
	register scenario.	Tag supported, populated only in Cashier report
EmployeeNumber	Identification of the employee	6.1.16XXX Tag supported, populated only in Cashier report

Item Sales Movement

Sample Document and Element Description

```

<?xml version="1.0"?>
<!DOCTYPE NAXML-MovementReport SYSTEM "NAXML-PBIMovement33.dtd">
<NAXML-MovementReport version="3.3" xmlns:radiant="http://www.radiantsystems.com">
  <TransmissionHeader>
    <StoreLocationID>pmo01</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 1, 0, 0, 1</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <ItemSalesMovement>
    <MovementHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2</PrimaryReportPeriod>
      <SecondaryReportPeriod/>
      <BusinessDate>2006-04-04</BusinessDate>
      <BeginDate>2006-04-03</BeginDate>
      <BeginTime>13:42:15</BeginTime>
      <EndDate>2006-04-03</EndDate>
      <EndTime>13:46:41</EndTime>
    </MovementHeader>
    <SalesMovementHeader>
      <RegisterID/>
      <CashierID/>
      <TillID/>
      <EmployeeNumber/>
    </SalesMovementHeader>
    <ISMDetail>
      <ItemCode>
        <POSCodeFormat format="0"/>
        <POSCode>1</POSCode>
        <POSCodeModifier>0</POSCodeModifier>
      </ItemCode>
      <ItemID>1000000000001</ItemID>
      <Description>TOBACCO ITEM/EACH</Description>
      <MerchandiseCode>2</MerchandiseCode>
      <SellingUnits>1</SellingUnits>
      <ISMSellPriceSummary>
        <ActualSalesPrice>2</ActualSalesPrice>
      </ISMSellPriceSummary>
      <ISMSalesTotals>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount>0</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>1</SalesQuantity>
      </ISMSalesTotals>
    </ISMDetail>
  </ItemSalesMovement>
</NAXML-MovementReport>

```

```

        <SalesAmount>2</SalesAmount>
        <TransactionCount>1</TransactionCount>
    </ISMSalesTotals>
</ISMSELLPRICESummary>
</ISMDetail>
<ISMDetail>
    <ItemCode>
        <POSCodeFormat format="0"/>
        <POSCode>7800000161</POSCode>
        <POSCodeModifier>0</POSCodeModifier>
    </ItemCode>
    <ItemID>1000000000459</ItemID>
    <Description>7UP/20OZ</Description>
    <MerchandiseCode>7</MerchandiseCode>
    <SellingUnits>1</SellingUnits>
    <ISMSELLPRICESummary>
        <ActualSalesPrice>1.29</ActualSalesPrice>
        <ISMSalesTotals>
            <DiscountAmount>0.65</DiscountAmount>
            <DiscountCount>0</DiscountCount>
            <PromotionAmount>0</PromotionAmount>
            <PromotionCount>0</PromotionCount>
            <RefundAmount>0</RefundAmount>
            <RefundCount>0</RefundCount>
            <SalesQuantity>2</SalesQuantity>
            <SalesAmount>3.87</SalesAmount>
            <TransactionCount>2</TransactionCount>
        </ISMSalesTotals>
    </ISMSELLPRICESummary>
</ISMDetail>
<ISMDetail>
    <ItemCode>
        <POSCodeFormat format="0"/>
        <POSCode>3455500085</POSCode>
        <POSCodeModifier>0</POSCodeModifier>
    </ItemCode>
    <ItemID>10000000004061</ItemID>
    <Description>ICE BAG/8LB</Description>
    <MerchandiseCode>28</MerchandiseCode>
    <SellingUnits>1</SellingUnits>
    <ISMSELLPRICESummary>
        <ActualSalesPrice>1.89</ActualSalesPrice>
        <ISMSalesTotals>
            <DiscountAmount>0.78</DiscountAmount>
            <DiscountCount>0</DiscountCount>
            <PromotionAmount>0</PromotionAmount>
            <PromotionCount>0</PromotionCount>
            <RefundAmount>0</RefundAmount>
            <RefundCount>0</RefundCount>
            <SalesQuantity>3</SalesQuantity>
            <SalesAmount>5.67</SalesAmount>
            <TransactionCount>2</TransactionCount>
        </ISMSalesTotals>
    </ISMSELLPRICESummary>
</ISMDetail>
<ISMDetail>
    <ItemCode>
        <POSCodeFormat format="0"/>
        <POSCode>1</POSCode>
        <POSCodeModifier>0</POSCodeModifier>
    </ItemCode>
    <ItemID>10000000000001</ItemID>
    <Description>TOBACCO ITEM/EACH</Description>
    <MerchandiseCode>2</MerchandiseCode>
    <SellingUnits>1</SellingUnits>
    <ISMSELLPRICESummary>

```

```

<ActualSalesPrice>2</ActualSalesPrice>
<ISMReasonCodeSummary>
  <ReasonCode/>
  <ISMSalesTotals>
    <DiscountAmount>0</DiscountAmount>
    <DiscountCount>1</DiscountCount>
    <PromotionAmount>0</PromotionAmount>
    <PromotionCount>0</PromotionCount>
    <RefundAmount>0</RefundAmount>
    <RefundCount>0</RefundCount>
    <SalesQuantity>1</SalesQuantity>
    <SalesAmount>2</SalesAmount>
    <TransactionCount>1</TransactionCount>
  </ISMSalesTotals>
</ISMReasonCodeSummary>
</ISMSELLPRICESummary>
</ISMDetail>
<ISMDetail>
  <ItemCode>
    <POSCodeFormat format="0"/>
    <POSCode>7800000161</POSCode>
    <POSCodeModifier>0</POSCodeModifier>
  </ItemCode>
  <ItemID>1000000000459</ItemID>
  <Description>7UP/20OZ</Description>
  <MerchandiseCode>7</MerchandiseCode>
  <SellingUnits>1</SellingUnits>
  <ISMSELLPRICESummary>
    <ActualSalesPrice>1.29</ActualSalesPrice>
    <ISMReasonCodeSummary>
      <ReasonCode>D-1000053</ReasonCode>
      <ISMSalesTotals>
        <DiscountAmount>0.65</DiscountAmount>
        <DiscountCount>1</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>1.93</SalesAmount>
        <TransactionCount>1</TransactionCount>
      </ISMSalesTotals>
    </ISMReasonCodeSummary>
  </ISMSELLPRICESummary>
  <ISMSELLPRICESummary>
    <ActualSalesPrice>1.29</ActualSalesPrice>
    <ISMReasonCodeSummary>
      <ReasonCode>C-1000025</ReasonCode>
      <ISMSalesTotals>
        <DiscountAmount>0.59</DiscountAmount>
        <DiscountCount>1</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>0.7</SalesAmount>
        <TransactionCount>1</TransactionCount>
      </ISMSalesTotals>
    </ISMReasonCodeSummary>
  </ISMSELLPRICESummary>
</ISMDetail>
<ISMDetail>
  <ItemCode>
    <POSCodeFormat format="0"/>
    <POSCode>3455500085</POSCode>

```



```

        <POSCodeModifier>0</POSCodeModifier>
    </ItemCode>
    <ItemID>1000000004061</ItemID>
    <Description>ICE BAG/8LB</Description>
    <MerchandiseCode>28</MerchandiseCode>
    <SellingUnits>1</SellingUnits>
    <ISM SellPriceSummary>
        <ActualSalesPrice>1.89</ActualSalesPrice>
        <ISM ReasonCodeSummary>
            <ReasonCode>P-mmt3</ReasonCode>
        <ISM SalesTotals>
            <DiscountAmount>0</DiscountAmount>
            <DiscountCount>0</DiscountCount>
            <PromotionAmount>0.78</PromotionAmount>
            <PromotionCount>1</PromotionCount>
            <RefundAmount>0</RefundAmount>
            <RefundCount>0</RefundCount>
            <SalesQuantity>1</SalesQuantity>
            <SalesAmount>3</SalesAmount>
            <TransactionCount>1</TransactionCount>
        </ISM SalesTotals>
        </ISM ReasonCodeSummary>
    </ISM SellPriceSummary>
    <ISM SellPriceSummary>
        <ActualSalesPrice>1.89</ActualSalesPrice>
        <ISM ReasonCodeSummary>
            <ReasonCode/>
        <ISM SalesTotals>
            <DiscountAmount>0</DiscountAmount>
            <DiscountCount>0</DiscountCount>
            <PromotionAmount>0</PromotionAmount>
            <PromotionCount>0</PromotionCount>
            <RefundAmount>0</RefundAmount>
            <RefundCount>0</RefundCount>
            <SalesQuantity>1</SalesQuantity>
            <SalesAmount>1.89</SalesAmount>
            <TransactionCount>1</TransactionCount>
        </ISM SalesTotals>
        </ISM ReasonCodeSummary>
    </ISM SellPriceSummary>
</ISMDetail>
</ItemSalesMovement>
</NAXML-MovementReport>

```

Item Sales Movement Elements	Description	Version Supported
POSCodeFormat	The type of coding scheme used in POSCode	6.1.16XXX
POSCode	The scan code or PLU number used to access an item's information. The code-coding scheme used is designated in POSCodeFormat.	6.1.16XXX
POSCodeModifier	Scan code or PLU modifier. In combination with POSCode and POSCodeFormat it uniquely identifies an item. If it is not used a value of "0" (zero) must be provided. It can be used to indicate pricing level.	6.1.16XXX
ItemID	Item identifier. This is a retailer assigned number	6.1.16XXX

Item Sales Movement Elements	Description	Version Supported
	that may be a SKU or a pricebook number but it is not a vendor number. It may group many POSCodes and does not need to be unique. Currently this field uses RPOS specific item ids.	
Description	Native language description of the transaction item.	6.1.16XXX
MerchandiseCode	A reference to to the Merchandise Code Structure. The Lowest level of merchandise hierarchy. Typically is referred to as department or category.	6.1.16XXX
SellingUnits	Number of individual units in a transaction item at time of sale. For example, 6 for a 6 pack.	6.1.16XXX
ActualSalesPrice	The actual price at which an item/fuel grade was sold before any reductions.	6.1.16XXX
ReasonCode	<p>Identifier of the individual item list in a combo or a mix/match, discount, coupon, or price override.</p> <p>By default external id will be provided for any item sold in a combo or mix match, if external id is not available Radiant identifier will be provided instead.</p> <p>Discounts, coupons, and price override will be populated with internal id provided from EP, which can be cross referenced in Configuration Report for PDI</p> <p>Prefix referencing appropriate reduction will be added to avoid id overlap:</p> <p>Discounts will be prefixed with "D-"</p> <p>Coupons would be prefixed with "C-"</p> <p>Overrides would be prefixed with "O-"</p> <p>Promotions would be prefixed with "P-"</p> <p>Empty element represents item sales without reductions.</p>	6.6.C2
DiscountAmount	Sum of all discounts associated with the item/merchandise code being reported. For fuel grade sales this sum is not reflected in FuelGradeSalesAmount. For PJR this is the amount of the discount associated with the individual item in the transaction or with the transaction as a whole.	6.1.16XXX
DiscountCount	Total number of discount transactions associated with the DiscountAmount for the item/merchandise code/fuel grade being reported.	6.6.C2

Item Sales Movement Elements	Description	Version Supported
PromotionAmount	Sum of value of promotions associated with the item/merchandise code being reported. For PJR the amount of the promotion associated with the item in the transaction or with the total transaction.	6.6.C2
PromotionCount	Total count of promotion transactions associated with the item/merchandise code being reported.	6.6.C2
RefundAmount	Sum of the value of refunds associated with the item/MerchandiseCode being reported. For PJR the amount of the refund associated with the item in the transaction or with the transaction as a whole.	6.1.16XXX
RefundCount	Total count of refund transactions associated with the item/MerchandiseCode being reported.	6.1.16XXX
SalesAmount	Sum of the value of the item/merchandise code sold. Returns and other allowances are included in this number.	6.1.16XXX
SalesQuantity	Total quantity of the item/merchandise code sold. Returns and other allowances are included in this number.	6.1.16XXX
TransactionCount	Total number of individual transactions related to this item. This value may be count quantity or volume depending upon usage.	6.1.16XXX

Merchandise Code Movement

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-MovementReport version="3.3">
  <TransmissionHeader>
    <StoreLocationID>122</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS 6.1C7</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <MerchandiseCodeMovement>
    <MovementHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BusinessDate>2003-11-19</BusinessDate>
      <BeginDate>2003-11-19</BeginDate>
      <BeginTime>09:01:34</BeginTime>
      <EndDate>2003-11-20</EndDate>
      <EndTime>09:01:54</EndTime>
    </MovementHeader>
    <SalesMovementHeader>
      <RegisterID />
      <CashierID />
      <TIILID />
      <EmployeeNumber />
    </SalesMovementHeader>
    <MCMDetail>
      <MerchandiseCode>36</MerchandiseCode>
      <MerchandiseCodeDescription>Non-Taxable
Purchases</MerchandiseCodeDescription>
      <MCMSalesTotals>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount>0</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>60</SalesAmount>
        <TransactionCount>1</TransactionCount>
        <VoidAmount />
        <VoidCount />
        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
      </MCMSalesTotals>
    </MCMDetail>
    <MCMDetail>
      <MerchandiseCode>68</MerchandiseCode>
      <MerchandiseCodeDescription>Candy</MerchandiseCodeDescription>
      <MCMSalesTotals>
        <DiscountAmount>1.98</DiscountAmount>
        <DiscountCount>1</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>12</SalesQuantity>
        <SalesAmount>9.9</SalesAmount>
        <TransactionCount>3</TransactionCount>
        <VoidAmount />
        <VoidCount />
      </MCMSalesTotals>
    </MCMDetail>
  </MerchandiseCodeMovement>
</NAXML-MovementReport>

```

```

        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
    </MCMSTotals>
</MCMDetail>
<MCMDetail>
    <MerchandiseCode>28</MerchandiseCode>
    <MerchandiseCodeDescription>Ice</MerchandiseCodeDescription>
    <MCMSTotals>
        <DiscountAmount>0.95</DiscountAmount>
        <DiscountCount>1</DiscountCount>
        <PromotionAmount>0.78</PromotionAmount>
        <PromotionCount>1</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>3</SalesQuantity>
        <SalesAmount>5.67</SalesAmount>
        <TransactionCount>2</TransactionCount>
        <VoidAmount />
        <VoidCount />
        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
    </MCMSTotals>
</MCMDetail>
<MCMDetail>
    <MerchandiseCode>1001215</MerchandiseCode>
    <MerchandiseCodeDescription>Unleaded -
Plus</MerchandiseCodeDescription>
    <MCMSTotals>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount>0</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>15.679</SalesQuantity>
        <SalesAmount>21.29</SalesAmount>
        <TransactionCount>6</TransactionCount>
        <VoidAmount />
        <VoidCount />
        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
    </MCMSTotals>
</MCMDetail>
<MCMDetail>
    <MerchandiseCode>1001218</MerchandiseCode>
    <MerchandiseCodeDescription>Car
Wash</MerchandiseCodeDescription>
    <MCMSTotals>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount>0</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>6</SalesQuantity>
        <SalesAmount>18</SalesAmount>
        <TransactionCount>3</TransactionCount>
        <VoidAmount />
        <VoidCount />
        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
    </MCMSTotals>
</MCMDetail>
<MCMDetail>
    <MerchandiseCode>1001219</MerchandiseCode>
    <MerchandiseCodeDescription>Money
Order</MerchandiseCodeDescription>
    <MCMSTotals>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount>0</DiscountCount>

```

```

        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>5</SalesQuantity>
        <SalesAmount>82.98</SalesAmount>
        <TransactionCount>3</TransactionCount>
        <VoidAmount />
        <VoidCount />
        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
    </MCMSalesTotals>
</MCMDetail>
<MCMDetail>
    <MerchandiseCode>1001225</MerchandiseCode>
    <MerchandiseCodeDescription>Lottery
Sales</MerchandiseCodeDescription>
    <MCMSalesTotals>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount>0</DiscountCount>
        <PromotionAmount>0</PromotionAmount>
        <PromotionCount>0</PromotionCount>
        <RefundAmount>0</RefundAmount>
        <RefundCount>0</RefundCount>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>5</SalesAmount>
        <TransactionCount>1</TransactionCount>
        <VoidAmount />
        <VoidCount />
        <OpenDepartmentSalesAmount />
        <OpenDepartmentSalesCount />
    </MCMSalesTotals>
</MCMDetail>
</MerchandiseCodeMovement>
</NAXML-MovementReport>

```

Merchandise CodeMovement Elements	Description	Version Supported
MerchandiseCode	A reference to to the Merchandise Code Structure. The Lowest level of merchandise hierarchy. Typically is referred to as department or category.	6.1.16XXX
MerchandiseCode Description	Native language description of the merchandise code normally printed on the register tape.	6.1.16XXX
DiscountAmount	Sum of all discounts associated with the item/merchandise code being reported. For fuel grade sales this sum is not reflected in FuelGradeSalesAmount. For PJR this is the amount of the discount associated with the individual item in the transaction or with the transaction as a whole.	6.1.16XXX
DiscountCount	Total number of transaction discounts associated with the DiscountAmount for the item/merchandise code/fuel grade being reported.	6.6.C2
PromotionAmount	Sum of value of promotions associated with the	6.6.C2

Merchandise CodeMovement Elements	Description	Version Supported
	item/merchandise code being reported. For PJR the amount of the promotion associated with the item in the transaction or with the total transaction.	
PromotionCount	Total count of promotion transactions associated with the item/merchandise code being reported.	6.6.C2
RefundAmount	Sum of the value of refunds associated with the item/MerchandiseCode being reported. For PJR the amount of the refund associated with the item in the transaction or with the transaction as a whole.	6.1.16XXX
RefundCount	Total count of refund transactions associated with the item/MerchandiseCode being reported.	6.1.16XXX
SalesAmount	Sum of the value of the item/merchandise code sold. Returns and other allowances are included in this number.	6.1.16XXX
SalesQuantity	Total quantity of the item/merchandise code sold. Returns and other allowances are included in this number.	6.1.16XXX
TransactionCount	Total number of individual transactions related to this item. This value may be count quantity or volume depending upon usage.	6.1.16XXX
VoidAmount	Total void amount of the item/merchandise code sold.	
VoidCount	Total void count of the item/merchandise code sold.	
OpenDepartmentSalesAmount	Currency amount rung into open department.	
OpenDepartmentSalesCount	Quantity sold into into open department.	

Miscellaneous Summary Movement

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE NAXML-MovementReport SYSTEM "NAXML-PBIMovement33.dtd">
<NAXML-MovementReport version="3.3">
  <TransmissionHeader>
    <StoreLocationID>122</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS 6.1C7</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit
Name</radiant:StoreName>
    </Extension>
    </TransmissionHeader>
    <MiscellaneousSummaryMovement>
      <MovementHeader>
        <ReportSequenceNumber>1</ReportSequenceNumber>
        <PrimaryReportPeriod>2</PrimaryReportPeriod>
        <SecondaryReportPeriod/>
        <BusinessDate>2003-11-19</BusinessDate>
        <BeginDate>2003-11-19</BeginDate>
        <BeginTime>09:01:34</BeginTime>
        <EndDate>2003-11-20</EndDate>
        <EndTime>09:01:54</EndTime>
      </MovementHeader>
      <SalesMovementHeader>
        <RegisterID/>
        <CashierID/>
        <TiIID/>
        <EmployeeNumber/>
      </SalesMovementHeader>
      <MSMDetail>
        <MiscellaneousSummaryCodes>

<MiscellaneousSummaryCode>5</MiscellaneousSummaryCode>

<MiscellaneousSummarySubCode>0</MiscellaneousSummarySubCode>
      <MiscellaneousSummarySubCodeModifier/>
      </MiscellaneousSummaryCodes>
      <MSMSalesTotals>
        <Tender>
          <TenderCode>1</TenderCode>
          <TenderSubCode/>
        </Tender>
        <Currency>
          <CurrencyCode>USD</CurrencyCode>
          <CurrencySubCode/>
        </Currency>
        <TenderTransactionsCount/>
        <ManualEntryFlag value="No"/>
        <CurrencyFaceValue/>

<MiscellaneousSummaryAmount>25</MiscellaneousSummaryAmount>

<MiscellaneousSummaryCount>1</MiscellaneousSummaryCount>
      </MSMSalesTotals>
      </MSMDetail>
    </MiscellaneousSummaryMovement>
  </NAXML-MovementReport>

```


Miscellaneous Summary Movement Elements	Description	Version Supported
MiscellaneousSummaryCode	See MiscellaneousSummary Movement Codes under Standard Fields and Codes	6.1.16XXX
MiscellaneousSummarySubCode	See MiscellaneousSummary Movement Codes under Standard Fields and Codes.	6.1.16XXX
MiscellaneousSummarySubCodeModifier	Modifier to the MiscellaneousSummarySubCode to provide an additional level of detail.	6.1.16XXX
TenderCode	See Tender Codes under Standard Fields and Codes. The values indicate the type of tender that was used to finalize item/merchandise code sales. Only provided in MSM 9-1-2 Inside sales and 9-1-3 Outside sales. Empty element reflects sales totals.	6.6.C2
TenderSubCode	A pointer to a value in the Tender Type Sub table. The values indicate the sub-categories of the type of tender that were used to finalize item/merchandise code sales.	6.6.C2
CurrencyCode	A pointer to the currency look-up table. This table uses the currency and country codes contained in ISO 4217-1	6.1.16XXX
CurrencySubCode	A pointer to the currency look-up table.	
TenderTransactionsCount	Count of the transactions associated with the type of tender. Only provided in MSM 9-1-2 Inside sales and 9-1-3 Outside sales.	6.6.C2
ManualEntryFlag	If true indicates that the MiscellaneousSumCode values are derived from manual entry at the POS. Default is "No".	6.1.16XXX
CurrencyFaceValue	The value of the foreign currency specified by the currency code.	6.1.16XXX
MiscellaneousSummaryAmount	The sum of the value of the individual transactions related to this code and sub-code.	6.1.16XXX
MiscellaneousSummaryCount	Total number of individual transactions related to this code and sub-code. This value may be count, quantity, or volume depending upon usage.	6.1.16XXX

Cashier's Report

The cashier's report is a combination of MSM/MCM files designed to report transactional information by Cashier.

<This section to be completed>

Fuel Grade Movement

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE NAXML-MovementReport SYSTEM "NAXML-PBIMovement33.dtd">
<NAXML-MovementReport version="3.3">
  <TransmissionHeader>
    <StoreLocationID>122</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS 6.1C7</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <FuelGradeMovement>
    <MovementHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2</PrimaryReportPeriod>
      <SecondaryReportPeriod/>
      <BusinessDate>2003-11-19</BusinessDate>
      <BeginDate>2003-11-19</BeginDate>
      <BeginTime>09:01:34</BeginTime>
      <EndDate>2003-11-20</EndDate>
      <EndTime>09:01:54</EndTime>
    </MovementHeader>
    <SalesMovementHeader>
      <RegisterID/>
      <CashierID/>
      <TillID/>
      <EmployeeNumber/>
    </SalesMovementHeader>
    <FGMDetail>
      <FuelGradeID>1001215</FuelGradeID>
      <FuelProductID>1042854</FuelProductID>
      <FGMPositionSummary>
        <FuelPositionID>2</FuelPositionID>
        <FGMNonResetableTotal>
          <FuelGradeNonResetableTotalVolume>24.15</FuelGradeNonResetableTotalVolume>
          <FuelGradeNonResetableTotalAmount>0</FuelGradeNonResetableTotalAmount>
        </FGMNonResetableTotal>
        <FGMOutsideSalesSummary>
          <OutsideSalesFlag value="Yes"/>
          <FGMSalesTotals>
            <FuelGradeSalesVolume>0</FuelGradeSalesVolume>
            <FuelGradeSalesAmount>0</FuelGradeSalesAmount>
            <PumpTestAmount>0</PumpTestAmount>
            <PumpTestVolume>0</PumpTestVolume>
            <TaxExemptSalesVolume/>
            <DiscountAmount>0</DiscountAmount>
            <DiscountCount/>
          </FGMSalesTotals>
          <DispenserDiscountAmount>0</DispenserDiscountAmount>
          <DispenserDiscountCount/>
        </FGMOutsideSalesSummary>
        <FGMSalesTotals>
          <FuelGradeSalesVolume>0</FuelGradeSalesVolume>
          <FuelGradeSalesAmount>0</FuelGradeSalesAmount>
          <PumpTestAmount>0</PumpTestAmount>
          <PumpTestVolume>0</PumpTestVolume>
          <TaxExemptSalesVolume/>
          <DiscountAmount>0</DiscountAmount>
          <DiscountCount/>
          <DispenserDiscountAmount>0</DispenserDiscountAmount>
        </FGMSalesTotals>
      </FGMPositionSummary>
    </FGMDetail>
  </FuelGradeMovement>
</NAXML-MovementReport>

```

```

        <DispenserDiscountCount/>
      </FGMSalesTotals>
    </FGMPositionSummary>
  <FGMPositionSummary>
    <FuelPositionID>20</FuelPositionID>
    <FGMNonResetableTotal>

    <FuelGradeNonResetableTotalVolume>39.04</FuelGradeNonResetableTotalVolume>

    <FuelGradeNonResetableTotalAmount>0</FuelGradeNonResetableTotalAmount>
    </FGMNonResetableTotal>
    <FGMOutsideSalesSummary>
      <OutsideSalesFlag value="Yes"/>
      <FGMSalesTotals>
        <FuelGradeSalesVolume>0</FuelGradeSalesVolume>
        <FuelGradeSalesAmount>0</FuelGradeSalesAmount>
        <PumpTestAmount>0</PumpTestAmount>
        <PumpTestVolume>0</PumpTestVolume>
        <TaxExemptSalesVolume/>
        <DiscountAmount>0</DiscountAmount>
        <DiscountCount/>

      <DispenserDiscountAmount>0</DispenserDiscountAmount>
      <DispenserDiscountCount/>
    </FGMSalesTotals>
  </FGMPositionSummary>
  <FGMOutsideSalesSummary>
    <OutsideSalesFlag value="Yes"/>
    <FGMSalesTotals>
      <FuelGradeSalesVolume>3.903</FuelGradeSalesVolume>
      <FuelGradeSalesAmount>5.3</FuelGradeSalesAmount>
      <PumpTestAmount>0</PumpTestAmount>
      <PumpTestVolume>0</PumpTestVolume>
      <TaxExemptSalesVolume/>
      <DiscountAmount>0</DiscountAmount>
      <DiscountCount/>
      <DispenserDiscountAmount>0</DispenserDiscountAmount>
      <DispenserDiscountCount/>
    </FGMSalesTotals>
  </FGMPositionSummary>
  <FGMOutsideSalesSummary>
    <OutsideSalesFlag value="Yes"/>
    <FGMSalesTotals>
      <FuelGradeSalesVolume>0</FuelGradeSalesVolume>
      <FuelGradeSalesAmount>0</FuelGradeSalesAmount>
      <PumpTestAmount>0</PumpTestAmount>
      <PumpTestVolume>0</PumpTestVolume>
      <TaxExemptSalesVolume/>
      <DiscountAmount>0</DiscountAmount>
      <DiscountCount/>
      <DispenserDiscountAmount>0</DispenserDiscountAmount>
      <DispenserDiscountCount/>
    </FGMSalesTotals>
  </FGMPositionSummary>
  <FGMOutsideSalesSummary>
    <OutsideSalesFlag value="Yes"/>
    <FGMSalesTotals>
      <FuelGradeSalesVolume>12.51</FuelGradeSalesVolume>
      <FuelGradeSalesAmount>16.99</FuelGradeSalesAmount>
      <PumpTestAmount>0</PumpTestAmount>
      <PumpTestVolume>0</PumpTestVolume>
      <TaxExemptSalesVolume/>
      <DiscountAmount>0</DiscountAmount>
      <DiscountCount/>
      <DispenserDiscountAmount>0</DispenserDiscountAmount>
      <DispenserDiscountCount/>
    </FGMSalesTotals>
  </FGMPositionSummary>
</FGMDetail>
</FuelGradeMovement>
</NAXML-MovementReport>

```

Fuel Grade Movement Elements	Description	Version Supported
FuelGradeID	An Identifier for a fuel grade.	6.1.16XXX
FuelProductID	An Identifier for a fuel product.	6.1.16XXX
FuelPositionID	Pump Number	6.1.16XXX
FuelGradeNonResettableTotalVolume	The ending reading of the fuel grade sold during the time period specified as indicated by the non-resettable volume totalizer for that fuel grade.	6.1.16XXX
FuelGradeNonResettableTotalAmount	The ending reading of the fuel grade sold during the time period specified as indicated by the non-resettable amount totalizer for that fuel grade.	6.1.16XXX
OutsideSalesFlag	Indicates that sales were tendered at the dispenser	6.1.16XXX
FuelGradeSalesVolume	The total volume dispensed for the indicated reporting period.	6.1.16XXX
FuelGradeSalesAmount	The total currency amount for the fuel dispensed during the indicated reporting period.	6.1.16XXX
PumpTestAmount	The total amount dispensed for pump testing.	6.1.16XXX
PumpTestVolume	The total volume dispensed for pump testing.	6.1.16XXX
TaxExemptSalesVolume	TaxExemptSalesAmount The total currency amount for tax exempt sales dispensed during the reporting period.	
DiscountAmount	The total currency amount of discounts applied after the fuel was dispensed	6.1.16XXX
DiscountCount	The total number of transactions which received a discount on fuel after the fuel was dispensed.	
DispenserDiscountAmount	The total currency amount of discounts applied at the pump as a result of discounting the pump price prior to dispensing the fuel. Note that this discount amount has already been subtracted from the FuelGradeSalesAmount field as the pump reports the discounted amounts for the non-resettable amount totalizers.	6.3.4XXX
DispenserDiscountCount	The total number of transactions for which pump discounts occurred prior to dispensing fuel.	

Fuel Tank Product Movement

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE NAXML-MovementReport SYSTEM "NAXML-PBIMovement33.dtd">
<NAXML-MovementReport version="3.3">
  <TransmissionHeader>
    <StoreLocationID>122</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS 6.1C7</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit
Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <TankProductMovement>
    <MovementHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2</PrimaryReportPeriod>
      <SecondaryReportPeriod/>
      <BusinessDate>2003-11-19</BusinessDate>
      <BeginDate>2003-11-19</BeginDate>
      <BeginTime>09:01:34</BeginTime>
      <EndDate>2003-11-20</EndDate>
      <EndTime>09:01:54</EndTime>
    </MovementHeader>
    <TankProdMovementHeader>
      <ReadingDate>20031120</ReadingDate>
      <ReadingTime>09:00</ReadingTime>
    </TankProdMovementHeader>
    <TPMDetail>
      <TankID>1</TankID>
      <FuelProductID>1042851</FuelProductID>
      <FuelProductDepth>48.000000</FuelProductDepth>
      <FuelProductVolume>4000.000000</FuelProductVolume>
      <Ullage>950.000000</Ullage>
      <WaterVolume>50.000000</WaterVolume>
      <Extension>
        <radiant:Water>
          <radiant:WaterDepth>10</radiant:WaterDe
pth>
          <radiant:WaterVolume>50.000000</radiant
:WaterVolume>
        </radiant:Water>
      </Extension>
    </TPMDetail>
    <TPMDetail>
      <TankID>2</TankID>
      <FuelProductID>1042853</FuelProductID>
      <FuelProductDepth>48.000000</FuelProductDepth>
      <FuelProductVolume>4000.000000</FuelProductVolume>
      <Ullage>950.000000</Ullage>
      <WaterVolume>50.000000</WaterVolume>
      <Extension>
        <radiant:Water>
          <radiant:WaterDepth>10</radiant:WaterDe
pth>
          <radiant:WaterVolume>50.000000</radiant
:WaterVolume>
        </radiant:Water>
      </Extension>
    </TPMDetail>
  </TankProductMovement>
</NAXML-MovementReport>

```

Element	Description	Version Supported
ReadingDate	The date of the depth/volume reading. (YYYY-MM-DD)	6.1.16XXX
ReadingTime	The time of the depth/volume reading. 24 hour format (HHMM)	6.1.16XXX
TankID		6.1.16XXX
FuelProductID	Is the FuelProductID for the fuel grade. If it is a dispenser blended fuel grade then it is the FuelProductID of the fuel product with the lowest octane in the blend.	6.1.16XXX
FuelProductDepth	The measured depth of fuel product in the tank. One or the other of FuelProductDepth or FuelProductVolume is mandatory.	6.1.16XXX
FuelProductVolume	The measured volume of fuel product in the tank. One or the other of FuelProductDepth or FuelProductVolume is mandatory.	6.1.16XXX
Ullage	The volume of the empty portion of a tank.	6.1.16XXX
WaterVolume	The measured volume of water in the tank at the time of the depth/volume reading. One or the other of WaterDepth or WaterVolume is mandatory.	6.1.16XXX
radiant:WaterDepth	Extension to provide both WaterDepth as well as WaterVolume as this is a choice element.	0.1.1056 (to be merged to 6.6.00XX)
radiant:WaterVolume	Extension to provide both WaterDepth as well as WaterVolume as this is a choice element.	0.1.1056 (to be merged to 6.6.00XX)
FuelProductTemperature	The temperature of the fuel product in the tank at the time of the depth/volume reading.	6.1.16XXX
OperatingUllage	The empty portion of a fuel product tank as determined by subtracting the FuelProductVolume (observed volume) from the MaximumOperatingVolume	6.1.16XXX
WaterDepth	The measured depth of water in the tank at the time of the depth/volume reading. One or the other of WaterDepth or WaterVolume is mandatory.	6.1.16XXX

Fuel Product Movement

Sample Document and Element Description

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE NAXML-MovementReport SYSTEM "NAXML-PBIMovement33.dtd">
<NAXML-MovementReport version="3.3" xmlns:radiant="http://www.radiantsystems.com">
  <TransmissionHeader>
    <StoreLocationID>UNKNOWN</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 1, 0, 0, 1</VendorModelVersion>
    <Extension>
      <radiant:StoreName/>
    </Extension>
  </TransmissionHeader>
  <FuelProductMovement>
    <MovementHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2</PrimaryReportPeriod>
      <SecondaryReportPeriod/>
      <BusinessDate>2006-06-19</BusinessDate>
      <BeginDate>2006-06-19</BeginDate>
      <BeginTime>13:53:46</BeginTime>
      <EndDate>2006-06-19</EndDate>
      <EndTime>18:49:17</EndTime>
    </MovementHeader>
    <SalesMovementHeader>
      <RegisterID/>
      <CashierID/>
      <TillID/>
      <EmployeeNumber/>
    </SalesMovementHeader>
    <FPMDetail>
      <FuelProductID>1000081</FuelProductID>
      <FPMNonResetableTotal>
        <FuelPositionID>12</FuelPositionID>
      </FPMNonResetableTotal>
      <FuelProductNonResetableVolumeNumber>3512.23</FuelProductNonResetableVolumeNumber>
      <FuelProductNonResetableAmountNumber/>
      <FPMNonResetableTotal>
        <FPMDetail>
          <FPMDetail>
            <FuelProductID>1000079</FuelProductID>
            <FPMNonResetableTotal>
              <FuelPositionID>10</FuelPositionID>
            </FPMNonResetableTotal>
          </FPMDetail>
        </FPMDetail>
      </FPMNonResetableTotal>
      <FuelProductNonResetableVolumeNumber>3518.49</FuelProductNonResetableVolumeNumber>
      <FuelProductNonResetableAmountNumber/>
      <FPMNonResetableTotal>
        <FPMDetail>
          <FPMDetail>
            <FuelProductID>1000079</FuelProductID>
            <FPMNonResetableTotal>
              <FuelPositionID>10</FuelPositionID>
            </FPMNonResetableTotal>
          </FPMDetail>
        </FPMDetail>
      </FPMNonResetableTotal>
    </FPMDetail>
  </FuelProductMovement>
</NAXML-MovementReport>

```


Fuel Product Movement Elements	Description	Version Supported
FuelProductID	An Identifier for a fuel product.	0.1.1056 (to be merged to 6.6.00XX)
FuelPositionID	Pump Number	0.1.1056 (to be merged to 6.6.00XX)
FuelGradeNonResettableTotalVolume	The ending reading of the fuel grade sold during the time period specified as indicated by the non-resettable volume totalizer for that fuel grade.	0.1.1056 (to be merged to 6.6.00XX)
FuelGradeNonResettableTotalAmount	The ending reading of the fuel grade sold during the time period specified as indicated by the non-resettable amount totalizer for that fuel grade.	0.1.1056 (to be merged to 6.6.00XX)

Standard Fields and Codes

Item Type Codes/Sub Codes

These values are used to identify special items and attributes. They are used for the ItemType and ItemSubType fields in the ITT detail.

Code	Description	Sub Code	Description
1	Merchandise		
10	Carwash	Controller ID	ID used to communicate wash type to the carwash controller
12	Lottery	0	Instant Ticket
		1	Machine Ticket
13	Money Order		
15	Container Deposit		

Sales Restrict Codes

The Sales Restrict Code is a bitmask value that allows you to set several options to restrict the sale of an item. The actual value in the **SalesRestrictCode** tag is the sum of the values in the table below based on the bit that is set. For example, for “Age Limit 21” and for “Prompt For Price”, the value for the **SalesRestrictCode** tag is 132.

Bit	Tag Value	Description
0	1	<i>Reserved</i>
1	2	Age Limit 18
2	4	Age Limit 21
3	8	<i>Reserved</i>
4	16	<i>Reserved</i>
5	32	<i>Reserved</i>
6	64	<i>Reserved</i>
7	128	Prompt For Price
8	256	Tender 1 Restricted
9	512	Tender 2 Restricted
10	1024	Tender 3 Restricted
11	2048	Tender 4 Restricted
12	4096	Tender 5 Restricted
13	8192	Tender 6 Restricted
14	16384	Tender 7 Restricted
15	32768	Tender 8 Restricted
16	65536	Tender 9 Restricted
17	131076	Tender 10 Restricted
18	262144	Tender 11 Restricted
19	524288	Tender 12 Restricted
20	1048576	Tender 13 Restricted
21	2097152	Tender 14 Restricted
22	4194304	Tender 15 Restricted
23	8388608	Tender 16 Restricted
24	16777216	Age Limit 19

Standard Data Types

Data Type	Format/values
Date	YYYY-MM-DD
Datetime	YYYY-MM-DD HH:MM:SS.mmm
Time	HH:MM:SS, SS – optional
Code	alphanumeric; enumerated values provided
Money	-922,337,203,685,477.5808 through +922,337,203,685,477.5807
Small Money	-214,748.3648 through +214,748.3647
Flag	“No”-false, “Yes”-true
Float	Precision and scale provided; float(6,4) = 99.9999
Integer	-2,147,483,648 through +2,147,483,647
Long Integer	-9223372036854775808 through 9223372036854775807

Miscellaneous Summary Movement Codes

At this point, all Misc summaries are exported at the business day level.

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
1	Safe Drop	0		Total Safe Drops	6.1.16XXX
		1		Envelope (MiscSumSubCodeMod = Envelope Number)	
		2		Reserved for use by mutual consent	
		3		Reserved for use by mutual consent	
2	Safe Loan	0			
		1		Reserved for use by mutual consent	
		2		Reserved for use by mutual consent	
		3		Reserved for use by mutual consent	
3	Refunds	0			
4	Payouts	0	Null	Total Payouts ¹	6.1.16XXX
		1			
		2	Null	Reason Code ² - General Ledger (MiscSumSubCodeMod = Reason Code ID G/L Account No)	6.6.C2
		3		House Account	
		4			
		5	1	Lottery (scratch) pay – cash payouts ³	6.6.1xxx
		5	2	Lottery (Scratch) Ticket Payouts ⁴	6.6.1xxx
		5	Null	Total lottery payouts (4-5-1 and 4-5-2)	6.6.1xxx
		6		Lotto (online) pay ⁵	6.6.1xxx

¹ This value is not impacted by lottery winner payouts.

² RPOS links Payouts with Reason Codes not General Ledger. The value is the sum of amount and count of all payouts by reason code.

³ The value is the sum of lottery sales of sales_type_id 1203 (INSTANT_GAME_WINNER). Where count = number of winning tickets, amount = cash given.

⁴ The value is the sum of lottery sales of sales_type_id 1204 (GAME_TICKET_WINNER). Where count = number of tickets given, amount = face value of tickets given.

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
		7		Vendor pay	
		8			
5	Payins	9		Reserved for use by mutual consent	
		0	Null	Total Payins	6.1.16XXX
		1		Utility Payment	
		2	Null	Reason Code ⁶ (MiscSumSubCodeMod = Reason Code ID)	6.6.C2
		3		House Account	
		4		Returned Check Fee	
		5		Lottery (scratch) pay	
		6		Lotto (online) pay	
		7		Vendor pay	
		8			
		9		Reserved for use by mutual consent	
6	Totalizers	10		Reserved for use by mutual consent	
		1		Beginning Grand	
		2		Beginning Sales	
		3		Ending Grand	
		4		Ending Sales	
		5		Money Order Begin	
		6		Money Order End	
		7		Car Wash Begin	
		8		Car Wash End	
		9	Null	Total Car Wash Complimentary Sales	
		9	Wash Package ID	Total Complimentary Sales by Wash Package ID	
		10	Null	Total Car Wash Sales	6.1.16XXX
		10	Wash Package ID	Total Car Wash Sales by Package ID	
		11	Null	Total Outside Car Wash Sales	

⁵ The value is the sum of lottery sales of sales_type_id 1202 (MACHINE_WINER).

⁶ RPOS links Payins with Reason Codes not General Ledger. The value is the sum of amount and count of all payins by reason code.

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
		11	Card Reader/Cash Acceptor ID	Total Outside Car Wash Sales by Card Reader / Cash Acceptor	
7	Statistics	10		Reserved for use by mutual consent	
		1		Correction	
		2	Null	Discounts	
		2	Discount Type	Total Discounts by Discount Type	6.1.16XXX
		3		Items Sold	6.1.16XXX
		3	2	Open Dept Sales ⁷	6.6.C2
		4	Null	No-sales ⁸	6.6.C2
		5		Suspends	
		6		Suspends /Void	
		7		Transactions ⁹	6.6.C2
		8	Null	Void Items ¹⁰	6.6.C2
		8	1	Non-Fuel Void Items	6.1.16XXX
		9	Null	Void Transactions ¹¹	6.6.C2
		10		Post Voids	
		11		Tax Code Changes	
		12		Drive offs	
		13		Food stamp/WIC status changes	
		14		Change on checks	
		15		Refunds	
		16	Null	Reserved for use by mutual consent	
		16	1	Drawer Alarm Count	
		16	2	Average Sales Dollars Per Transaction	6.1.16XXX
		16	3	Number of Prepay Transactions Cancelled	
		16	4	Total Cardlock Sales	
		16	5	Total Price Overrides Count & Amount ¹²	6.6.C2

⁷ The value is the sum of sales and qty of where sales type is ITEM_TYPE_DEPARTMENT_SALE

⁸ The value is the count of open drawer events taken at the POS

⁹ The value is the sum of sales and count of transactions excluding refund, pump test and pump test refund transactions

¹⁰ The value is the sum of amt and qty for line item voids, voiding entire transaction will not be counted toward void items totals

¹¹ The value is the sum of amt and qty for tran voids

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
8	Discount	1		Amount - applies to individual items as a fixed amount per item.	
		2		Amount - applies to individual items as a percentage of the RegularSellPrice.	
		3		Mix-Match - applies to all items in the sale equally.	
		4		Mix-Match - applies to one or more items in the sale as defined in the Mix-Match table.	
		5		Promotional - based on time of the sale, i.e., day of week, time of day, etc.	
		6		Fuel - based on cents/gallon as defined in the Item Maintenance table.	
		7		Coupon - as defined in the initial set-up as to the use of coupons as method-of-payment tender types or as discounts or both depending upon type of coupon.	
		7	Coupon Type	Total Coupons by Coupon Type	6.1.16XXX
		8		Senior Citizen	
		9		Employee	
		10		Police	
		11		Reserved for use by mutual consent	
		12		Reserved for use by mutual consent	
9	Summary Totals	1	1	Total Sales	
		1	2	Total Inside Sales ¹³	6.6.C2
		1	3	Total Outside Sales ¹⁴	6.6.C2
		1	4	Total Merchandise Only Sales ¹⁵	6.6.C2
		1	5	Total Fuel Only Sales ¹⁶	6.6.C2

¹² The value is the sum of amt and qty for price overrides

¹³ The value is the sum of sales and tran count of where sales type is **not**

ITEM_TYPE_FUEL_ICR_SALE

¹⁴ The value is the sum of sales and tran count of where sales type is ITEM_TYPE_FUEL_ICR_SALE

¹⁵ The value is the sum of all sales and tran count for transactions with merch only including sales type

ITEM_TYPE_REGULAR_SALES_ITEM, ITEM_TYPE_CONDIMENT, and ITEM_TYPE_COMBO

¹⁶ The value is the sum of all sales and tran count for transactions with fuel only including sales type

ITEM_TYPE_FUEL_POSTPAY, ITEM_TYPE_FUEL_PREPAY_COMPLETE, ITEM_TYPE_FUEL_MANUAL_SALE, and ITEM_TYPE_FUEL_ICR_SALE

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
		1	7	Total Fuel & Merchandise Sales ¹⁷	6.6.C2
		1	8	Total Merchandise Sales ¹⁸	6.6.C2
		1	9	Total Fuel Sales ¹⁹	6.6.C2
		1	10	Total Prepaid Transactions Started	
		1	11	Total Prepaid Transactions Completed	
		1	12	Total Postpaid Transactions Started	
		1	13	Total Postpaid Transactions Completed	
		1	14	Total Manual Transactions Started	
		1	15	Total Manual Transactions Completed	
		1	16	Total Manufacturer Coupons	
		1	17	Total Store Coupons	
		1	18	Total Money Order Sales ²⁰	6.6.C2
		1	19	Total Bottle Deposits	
		1	20	Total Bottle Returns	
		1	21	Total Money Order Fees Count & Amount	6.1.16XXX
		2	1	Total Taxable Sales	
		2	2	Total Tax Collected	
		2	3	Total Tax Exempted	
		2	0	Cash Over/Short	
10	Sales	1		All sales taxable & non-taxable, net of refunds.	
		2		Non-taxable sales	
		3		Nontaxable sales refunded	

¹⁷ The value is the sum of all sales and tran count for transactions with merchandise and fuel including ITEM_TYPE_REGULAR_SALES_ITEM, ITEM_TYPE_CONDIMENT, ITEM_TYPE_COMBO, ITEM_TYPE_FUEL_POSTPAY, ITEM_TYPE_FUEL_PREPAY_START, ITEM_TYPE_FUEL_MANUAL_SALE, and ITEM_TYPE_FUEL_ICR_SALE

¹⁸ The value is the sum of all match sales and tran count including sales type ITEM_TYPE_REGULAR_SALES_ITEM, ITEM_TYPE_CONDIMENT, and ITEM_TYPE_COMBO

¹⁹ The value is the sum of all fuel sales and tran count including sales type ITEM_TYPE_FUEL_POSTPAY, ITEM_TYPE_FUEL_PREPAY_COMPLETE, ITEM_TYPE_FUEL_MANUAL_SALE, and ITEM_TYPE_FUEL_ICR_SALE

²⁰ The value is the sum of sales and tran count of where sales type is ITEM_TYPE_MONEYORDER_SALE

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
11	Opening Balance (for cashier reconciliation this is opening till)				
12	Closing Balance (for cashier reconciliation this is the gross ending till)				
13	Balance-on-hand				
14	Balance Forward (for cashier reconciliation this is till forward)				
15	Till Loan In				
16	Till Loan Out				
17	Tax Totals	1	Tax Table ID	Total Taxable Sales	6.1.16XXX
		2	Tax Table ID	Total Tax Exempt Sales	6.1.16XXX
		3	Tax Table ID	Total Tax Collected	6.1.16XXX
		4	Tax Table ID	Total Tax Exempted	
18	Fuel Sales by Grade	1	Fuel Grade ID	Total Fuel Sales	6.1.16XXX
		2	Fuel Grade ID	Total Tax Exempt Fuel Sales	
		3	Fuel Grade ID	Total Drive Offs	6.1.16XXX
		4	Fuel Grade ID	Total Inside Sales	6.1.16XXX
		5	Fuel Grade ID	Total Outside Sales	6.1.16XXX
		6	Fuel Grade ID	Total Outside Sales Percent	6.1.16XXX
		7	Null	Pump Test Count	6.1.16XXX
		8	Null	Pump Test Dollars/Volume	6.1.16XXX
19	Method of Payment Totals	1	MOP ID	Total Sales	6.1.16XXX
		2	MOP ID	Total Refunds	6.1.16XXX
		3	MOP ID	Total Voids/Cancel	6.1.16XXX
		4	MOP ID	Total Safe Drops	6.1.16XXX

Misc Sum Code	Description	Misc Sum Sub-Code	Modifier	Description	Version Supported
		5	MOP ID	Total Safe Loans	
		6	MOP ID	Beginning Balance	6.1.16XXX
		7	MOP ID	Ending Balance	6.1.16XXX
		8	MOP ID	Total Debit Cash Back ²¹	6.6.C2
		9	MOP ID	Total Debit Fees ²²	6.6.C2
		10	Null	Total Credit Card Sales	6.1.16XXX
		10	1	Total Network Authorized Credit Card Sales	6.1.16XXX
		10	2	Total Keyed Credit Card Sales	
		10	3	Total Imprinted Credit Card Sales	6.1.16XXX
20	Credit Network Totals	Batch ID	0	Batch Total	6.1.16XXX + Fixed in 6.6.1.xxx
		Batch ID	Card Type ID MOP ID	Batch MOP Total by Card Type ²³	6.6.C2
21	Hourly Totals	1	Hour (1-24)	Total Sales Count & Amount	6.1.16XXX
		2	Hour (1-24)	Total Inside Sales Tran Count & Amount ²⁴	6.6.C2
		3	Hour (1-24)	Total Outside Sales Tran Count & Amount ²⁵	6.6.C2
22	Credit Batch Totals	0	Batch ID	Network Batch Total Count & Amount ²⁶	
		1	Batch ID	POS Batch Total Count & Amount	6.6.C2

Tender Codes

Tender Code	Description	Tender Sub-Code	Description
0010	Cash	0000	
		0001	

²¹ The value is the sum of sales and qty of where sales type is ITEM_TYPE_CASH_BACK and applies to debit only

²² The value is the sum of sales and qty of where sales type is ITEM_TYPE_DEBIT_FEE

²³ Data represents POS batch totals by card type instead of network batch totals which are not available.

²⁴ The value is the sum of sales and tran count by hour of where sales type is **not** ITEM_TYPE_FUEL_ICR_SALE

²⁵ The value is the sum of sales and tran count by hour of where sales type is ITEM_TYPE_FUEL_ICR_SALE

²⁶ The value can be obtained from 20-batch id-0

Tender Code	Description	Tender Sub-Code	Description
		0002	
		0003	
0020	Check	0000	
		0001	Commercial Check
		0002	Employee Check
		0003	Government Check
0030	Money Order	0000	
0040	Food Stamps	0000	
0045	EBT	0000	
		0001	EBT Cash
		0002	EBT CB
		0003	EBT Food stamp
0050	Gift Certificates	0000	
0060	Credit Cards	0000	
		0001	American Express
		0002	Visa
		0003	MasterCard
		0004	Oil Company
		0005	Proprietary
0070	Fleet Cards	0000	
0080	Debit Cards	0000	
0090	Radio Frequency	0000	
0100	Pre-Paid Cards	0000	
0110	Smart Cards	0000	
0130	House Charges (on-account)	0000	
0140	Cash back	0000	
0150	Drive-off	0000	
0160	Lottery Winning ticket	0000	
0170	Lotto Winning ticket	0000	
0180	Coupons	0000	
		0001	Manufacturer
		0002	Store
0190	WIC Payment	0000	
0200	Pump-for-test	0000	
0210			
0500 – 0700	User Defined Tender Types	0000	
0900	Generic	0000	

Currency Codes

[Currency Code List on NAXML site](#)

Language Codes

[Language Codes on NAXML site](#)

Radiant Cross Reference Values

Radiant Cross Reference Values are values that are expected to be maintained in Radiant's POS administration tool but required in set up in the Partners' management system. For example, the POS Security Profiles and tax setup will most likely occur in the Radiant Configuration Manager (CM) product. When the POS operator information is set up in a partner's system, the POS security profile ID is required. The Radiant CM product provides reports to make these cross reference values available. The cross reference reports include:

- Security
- Taxes
- Tender
- Fuel Products
- Fuel Tanks
- Reasons
- Credit Card Types
- Discount
- Coupon
- Employees
- Operating Hours

NAXML POS Journal Output Formats

All NAXML Journals have five main components:

- Transmission Header
- Journal Report
- Journal Header
- An Event-based Category
- TransactionSummary

The type of *Event* that is generated is based on the type of header and/or detail item stored in the system. For example, a PayOut Event is a FinancialEvent tag whereas a regular merchandise sale would fall in the SaleEvent tag section. The four main Event-based categories supported at this time are:

- FinancialEvent
- SaleEvent
- RefundEvent
- VoidEvent

Extension Tags

The NAXML_POS Journal schema allows the inclusion of Extension node tags to hold vendor specific information that falls outside the list of predefined tags. The data tags within the extension block can be free form, and the accepted method used is to define a namespace such as <radiant:tagname> and place the data inside the namespace element.

Journal Report

Following the <TransmissionHeader> tag is the <JournalReport> tag. Regardless of the <BatchSize> setting in the SiteServerConfig.xml file, there will only be one (1) <JournalReport> tag per file regardless of the number of transactions contained within that file.

Inside of the <JournalReport> tag will be the <JournalHeader> tag, the various “event”-based tags, and the <TransactionSummary> tag.

Journal Header

The <JournalHeader> contains batch-based information for the set of transactions contained within the .XML file. The following are the set of tags associated within this section:

```
<JournalHeader>  
  <ReportSequenceNumber>1</ReportSequenceNumber>  
  <PrimaryReportPeriod>2005-02-11</PrimaryReportPeriod>  
  <SecondaryReportPeriod/>  
  <BeginDate>2003-11-19</BeginDate>  
  <BeginTime>09:01:34</BeginTime>  
  <EndDate>2003-11-20</EndDate>  
  <EndTime>09:01:54</EndTime>  
</JournalHeader>
```


Element	Description	Version Supported
ReportSequenceNumber	A unique sequential report control number.	6.3.5xxx
PrimaryReportPeriod	The major reporting period associated with the data. It is typically a business day (YYYY-MM-DD).	6.3.5xxx
SecondaryReportPeriod	This is the secondary reporting period that is a subset of the major reporting period.	6.3.5xxx
BeginDate	Beginning date of reporting period. (YYYY-MM-DD).	6.3.5xxx
BeginTime	Beginning time of reporting period. (HH:MM:SS).	6.3.5xxx
EndDate	Ending date of reporting period. (YYYY-MM-DD).	6.3.5xxx
EndTime	Ending time of reporting period. (HH:MM:SS).	6.3.5xxx

Transaction Summary

The following set of tags is repeated in each movement file to identify the summary information for the associated transaction information:

```
<TransactionSummary>
  <TransactionTotalGrossAmount>1.39</ TransactionTotalGrossAmount >
  <TransactionTotalNetAmount>1.39</ TransactionTotalNetAmount >
  <TransactionTaxSalesAmount>0.07</ TransactionTaxSalesAmount >
  <TransactionTaxNetAmount>0.07</ TransactionTaxNetAmount >
</ TransactionSummary >
```

Element	Description	Version Supported
TransactionTotalGrossAmount	The gross amount of the transaction before applying transaction level discounts, promotions, taxes, et cetera.	6.3.5xxx
TransactionTotalNetAmount	The net amount of the transaction after applying transaction level discounts, promotions, taxes, et cetera.	6.3.5xxx
TransactionTaxSalesAmount	The sum of all tax that was applied to items sold in the transaction	6.3.5xxx
TransactionTotalTaxNetAmount	The net of tax sales, refunded, exempt and forgiven in the transaction	6.3.5xxx

Financial Event

Financial Events are those items that are special types of transactions within the POS. This includes, for example, Pay In's, Pay Out's, Safe Loan's, and Safe Drop's. A Financial Event header and subsequent tags may be repeated within a Journal Report. The order of the tags is import and must be maintained.

```
<FinancialEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TransactionID>696</TransactionID>
  <TrainingModeFlag value="no" />
  <CashierID>1000000225</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <EventStartDate>2005-07-06</EventStartDate>
  <EventStartTime>11:20:27</EventStartTime>
  <EventEndDate>2005-07-06</EventEndDate>
  <EventEndTime>11:20:27</EventEndTime>
  <BusinessDate>2005-07-06</BusinessDate>
  <ReceiptDate>2005-07-06</ReceiptDate>
  <ReceiptTime>11:20:27</ReceiptTime>
  <OfflineFlag value="no" />
  <SuspendFlag value="no" />
  <FinancialEventDetail status="normal">
    // Detail Information
  </FinancialEventDetail>
</FinancialEvent>
```

Element	Description	Version Supported
FinancialEvent UUID	This is an attribute for this type of event. It can hold either a unique ID for each specific transaction that falls into this event category or it can be left null. This is a required attribute for PCATS certification even with a NULL value for no direct reference to RPOS..	6.3.5xxx
EventSequenceID	Unique ID for this event	6.3.5xxx
TransactionID	The ID of this transaction. Typically ties back to the RPOS transaction ID	6.3.5xxx
TrainingModeFlag	Indicating if the transaction was performed by a cashier under training. The attribute 'value' for this tag can be set to either "yes" or "no" in lowercased lettering.	6.3.5xxx
CashierID	ID for the cashier conducting the transaction(s)	6.3.5xxx
RegisterID	ID for the registered that finalized the sales being reported.	6.3.5xxx
TillID	Identifies the till number in a multi-till scenario	6.3.5xxx
EventStartDate	The starting date for this event (YYYY-MM-DD).	6.3.5xxx
EventStartTime	The starting time for this event (HH:MM:SS).	6.3.5xxx
EventEndDate	The ending date for this event (YYYY-MM-DD).	6.3.5xxx
EventEndTime	The ending time for this event (HH:MM:SS).	6.3.5xxx
BusinessDate	The business date for this event (YYYY-MM-DD).	6.3.5xxx
ReceiptDate	Receipt Generation Date (YYYY-MM-DD).	6.3.5xxx
ReceiptTime	Receipt Generation Time (HH:MM:SS).	6.3.5xxx
OfflineFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
SuspendFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx

Element	Description	Version Supported
FinancialEventDetail	The main tag for the start of detail information for this event. The attribute of 'status' will always be set to "normal".	6.3.5xxx

Void Event

Void Events are those items where the entire transaction was voided. A Void Event header and subsequent tags may be repeated within a Journal Report.

```
<VoidEvent uuid="">
  <EventSequenceID>1</ EventSequenceID >
  <TrainingModeFlag value="no"/>
  <CashierID>12331</ CashierID >
  <RegisterID>2</ RegisterID >
  <TillID>1</ TillID >
  <OutsideSalesFlag value="no"/>
  <TransactionID>52</ TransactionID >
  <EventStartDate>2005-04-15</ EventStartDate >
  <EventStartTime>14:17:24</ EventStartTime >
  <EventEndDate>2005-04-15</ EventEndDate >
  <EventEndTime>14:18:25</ EventEndTime >
  <BusinessDate>2004-04-15</ BusinessDate >
  <ReceiptDate>2005-04-15</ ReceiptDate >
  <ReceiptTime>14:18:25</ ReceiptTime >
  <OfflineFlag value = "no"/>
  <SuspendFlag value = "no"/>
  <Extension>
    <radiant:ShiftNumber>1</radiant:ShiftNumber>
    <radiant:OriginalTransaction>0</radiant:OriginalTransaction>
  </Extension>
  // Transaction Details
  // Transaction Summary
  <FinalizedFlag />
  <ApproverID />
  <VoidReason>voidReason</VoidReason>
</ VoidEvent >
```

Element	Description	Version Supported
VoidEvent UUID	This is an attribute for this type of event. It can hold either a unique ID for each specific transaction that falls into this event category or it can be left null. This is a required attribute for PCATS certification even with a NULL value for no direct reference to RPOS.	6.3.5xxx
EventSequenceID	Unique ID for this event	6.3.5xxx
TrainingModeFlag	Indicating if the transaction was performed by a cashier under training.	6.3.5xxx
CashierID	ID for the cashier conducting the transaction(s)	6.3.5xxx
RegisterID	ID for the registered that finalized the sales being reported.	6.3.5xxx
TillID	Identifies the till number in a multi-till scenario	6.3.5xxx
OutsideSalesFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
TransactionID	The ID of this transaction. Typically ties back to the RPOS transaction ID	6.3.5xxx
EventStartDate	The starting date for this event (YYYY-MM-DD).	6.3.5xxx
EventStartTime	The starting time for this event (HH:MM:SS).	6.3.5xxx
EventEndDate	The ending date for this event (YYYY-MM-DD).	6.3.5xxx
EventEndTime	The ending time for this event (HH:MM:SS).	6.3.5xxx
BusinessDate	The business date for this event (YYYY-MM-DD).	6.3.5xxx
ReceiptDate	Receipt Generation Date (YYYY-MM-DD).	6.3.5xxx
ReceiptTime	Receipt Generation Time (HH:MM:SS).	6.3.5xxx
OfflineFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
SuspendFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx

Element	Description	Version Supported
FinalizedFlag	Attribute of 'value' is = to 'yes' or 'no' depending on if the transaction was finalized or not.	6.3.5xxx
ApproverID	The unique ID of the approver of this voided transaction.	6.3.5xxx
VoidReason	Text string describing why this transaction was voided. This is set as a hard-coded value of "voidReason" for PCATS certification.	6.3.5xxx
radiant:ShiftNumber	The operator shift number will be an interger	6.6.C2
radiant:OriginalTransaction	The Transaction of what is being voided, if available	6.6.C2

Refund Event

Refund Events are those items where the entire transaction was refunded. A Refund Event header and subsequent tags may be repeated within a Journal Report.

```
<RefundEvent uuid="">
  <EventSequenceID>1</ EventSequenceID >
  <TrainingModeFlag value="no"/>
  <CashierID>12331</ CashierID >
  <RegisterID>2</ RegisterID >
  <TillID>1</ TillID >
  <OutsideSalesFlag value="no"/>
  <TransactionID>52</ TransactionID >
  <EventStartDate>2005-04-15</ EventStartDate >
  <EventStartTime>14:17:24</ EventStartTime >
  <EventEndDate>2005-04-15</ EventEndDate >
  <EventEndTime>14:18:25</ EventEndTime >
  <BusinessDate>2004-04-15</ BusinessDate >
  <ReceiptDate>2005-04-15</ ReceiptDate >
  <ReceiptTime>14:18:25</ ReceiptTime >
  <OfflineFlag value = "no"/>
  <SuspendFlag value = "no"/>
  // <TransactionDetailGroup>...
  // <TrnasactionSummary> ...
  <ApproverID>122312</ApproverID>
  <RefundReason> refundReason </VoidReason>
  <Extension>
    <radiant: ShiftNumber>1</radiant: ShiftNumber>
    <radiant: OriginalTransaction>0</radiant: OriginalTransaction>
  </Extension>
</ RefundEvent >
```

Element	Description	Version Supported
RefundEvent UUID	This is an attribute for this type of event. It can hold either a unique ID for each specific transaction that falls into this event category or it can be left null. This is a required attribute for PCATS certification even with a NULL value for no direct reference to RPOS.	6.3.5xxx
EventSequenceID	Unique ID for this event	6.3.5xxx
TrainingModeFlag	Indicating if the transaction was performed by a cashier under training.	6.3.5xxx
CashierID	ID for the cashier conducting the transaction(s)	6.3.5xxx
RegisterID	ID for the registered that finalized the sales being reported.	6.3.5xxx
TillID	Identifies the till number in a multi-till scenario	6.3.5xxx
OutsideSalesFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
TransactionID	The ID of this transaction. Typically ties back to the RPOS transaction ID	6.3.5xxx
EventStartDate	The starting date for this event (YYYY-MM-DD).	6.3.5xxx
EventStartTime	The starting time for this event (HH:MM:SS).	6.3.5xxx
EventEndDate	The ending date for this event (YYYY-MM-DD).	6.3.5xxx
EventEndTime	The ending time for this event (HH:MM:SS).	6.3.5xxx
BusinessDate	The business date for this event (YYYY-MM-DD).	6.3.5xxx
ReceiptDate	Receipt Generation Date (YYYY-MM-DD).	6.3.5xxx
ReceiptTime	Receipt Generation Time (HH:MM:SS).	6.3.5xxx
OfflineFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
radiant:ShiftNumber	The operator shift number will be an interger	6.6.C2

Element	Description	Version Supported
radiant:OriginalTransaction	The Transaction of what is being voided, if available	6.6.C2
SuspendFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
ApproverID	The unique ID of the approver of this voided transaction.	6.3.5xxx
RefundReason	Text string describing why this transaction was refunded. This is set as a hard-coded value of "refundReason" for PCATS certification.	6.3.5xxx

Sale Event

Sale Events are those items where the various types of items were purchased and thus a 'sale' was made. A Sale Event header and subsequent tags may be repeated within a Journal Report.

```
<SaleEvent uuid="">
  <EventSequenceID>1</ EventSequenceID >
  <TrainingModeFlag value="no"/>
  <CashierID>12331</ CashierID >
  <RegisterID>2</ RegisterID >
  <TillID>1</ TillID >
  <OutsideSalesFlag value="no"/>
  <TransactionID>52</ TransactionID >
  <EventStartDate>2005-04-15</ EventStartDate >
  <EventStartTime>14:17:24</ EventStartTime >
  <EventEndDate>2005-04-15</ EventEndDate >
  <EventEndTime>14:18:25</ EventEndTime >
  <BusinessDate>2004-04-15</ BusinessDate >
  <ReceiptDate>2005-04-15</ ReceiptDate >
  <ReceiptTime>14:18:25</ ReceiptTime >
  <OfflineFlag value = "no"/>
  <SuspendFlag value = "no"/>
  <TransactionDetailGroup>... </TransactionDetailGroup>
  <TransactionSummary> ... </TransactionSummary>
  <Extension>
    <radiant: ShiftNumber>1</radiant: ShiftNumber>
    <radiant: SubTotal>1</radiant: SubTotal>
    <radiant: InvoiceType/>
    <radiant: InvoiceNumber>0</radiant: InvoiceNumber>
  </Extension>
</SaleEvent>
```

Element	Description	Version Supported
EventSequenceID	Unique ID for this event	6.3.5xxx
TrainingModeFlag	Indicating if the transaction was performed by a cashier under training.	6.3.5xxx
CashierID	ID for the cashier conducting the transaction(s)	6.3.5xxx
RegisterID	ID for the registered that finalized the sales being reported.	6.3.5xxx
TillID	Identifies the till number in a multi-till scenario	6.3.5xxx
OutsideSalesFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
TransactionID	The ID of this transaction. Typically ties back to the RPOS transaction ID	6.3.5xxx
EventStartDate	The starting date for this event (YYYY-MM-DD).	6.3.5xxx
EventStartTime	The starting time for this event (HH:MM:SS).	6.3.5xxx
EventEndDate	The ending date for this event (YYYY-MM-DD).	6.3.5xxx
EventEndTime	The ending time for this event (HH:MM:SS).	6.3.5xxx
BusinessDate	The business date for this event (YYYY-MM-DD).	6.3.5xxx
ReceiptDate	Receipt Generation Date (YYYY-MM-DD).	6.3.5xxx
ReceiptTime	Receipt Generation Time (HH:MM:SS).	6.3.5xxx
OfflineFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
SuspendFlag	Always formatted with the attribute of 'value="no"'.	6.3.5xxx
Extension	Holds no data, a parent node	6.6.C2
radiant:ShiftNumber	The operator shift number will be an interger	6.6.C2
radiant:SubTotal	Net value of the Sale Event after any applied discount and excluding taxes.	6.6.C3
radiant:InvoiceType	Invoice Type used for the sale	6.6.C3

Element	Description	Version Supported
radiant:InvoiceNumber	Invoice number for the sale	6.6C3

Other tags

Depending on the event and/or the detail information, additional “high level” tags may be involved in the output. For example, for a typical sale item there will be the following hierarchical tags:

- <TransactionDetailGroup>
- <TransactionLine>
- <ItemLine>
- <DiscountLine>
- <TenderInfo>
- <TransactionTax>
- <Extension>

An example of this might be the following:

```
<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no" />
  <CashierID>1000000225</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no" />
  <TransactionID>688</TransactionID>
  <EventStartDate>2005-07-06</EventStartDate>
  <EventStartTime>10:52:28</EventStartTime>
  <EventEndDate>2005-07-06</EventEndDate>
  <EventEndTime>10:52:49</EventEndTime>
  <BusinessDate>2005-07-06</BusinessDate>
  <ReceiptDate>2005-07-06</ReceiptDate>
  <ReceiptTime>10:52:49</ReceiptTime>
  <OfflineFlag value="no" />
  <SuspendFlag value="no" />
  <TransactionDetailGroup>
    <TransactionLine status="normal" approverID="">
      <ItemLine>
        <ItemCode>
          <POSCodeFormat format="upcA" />
          <POSCode>6274</POSCode>
          <POSCodeModifier>0</POSCodeModifier>
        </ItemCode>
        <SubItemLine>
          <SubItemLineSequence>1</SubItemLineSequence>
          <ComponentItem>
            <ItemCode>
              <POSCodeFormat format="upcA" />
              <POSCode>0</POSCode>
              <POSCodeModifier name="">0</POSCodeModifier>
              <InventoryItemID />
            </ItemCode>
            <ComponentItemID componentAction="isAddedTo" />
            <Description>Classic Roll</Description>
            <EntryMethod method="scan" />
            <SellingUnits>1</SellingUnits>
          </ComponentItem>
        </SubItemLine>
      </ItemLine>
    </TransactionLine>
  </TransactionDetailGroup>
</SaleEvent>
```

```

        <MerchandiseCode>1000021</MerchandiseCode>
        <ActualSalesPrice>0</ActualSalesPrice>
        <RegularSellPrice>0</RegularSellPrice>
        <SalesAmount>0</SalesAmount>
        <SalesQuantity>1</SalesQuantity>
    </ComponentItem>
</SubItemLine>
<Description>Turkey/6</Description>
<EntryMethod method="scan" />
<ActualSalesPrice>2.59</ActualSalesPrice>
<MerchandiseCode>353</MerchandiseCode>
<RegularSellPrice>2.59</RegularSellPrice>
<SalesQuantity>1</SalesQuantity>
<SalesAmount>2.59</SalesAmount>
<ItemTypeCode />
<SalesRestriction />
</ItemLine>
<Extension>
    <radiant: DetailLineNumber>1</radiant: DetailLineNumber>
    <radiant: HoseID>0</radiant: DetailLineNumber>
    <radiant: ItemLine>
        <radiant: External_Reference_Id/>
        <radiant: TaxItemizerMask>0</radiant: TaxItemizerMask>
    </radiant: ItemLine>
</Extension>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TenderInfo>
        <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
        </Tender>
        <TenderAmount>2.77</TenderAmount>
        <ChangeFlag value="no" />
    </TenderInfo>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TransactionTax>
        <TaxLevelID>1000056</TaxLevelID>
        <TaxableSalesAmount>2.59</TaxableSalesAmount>
        <TaxCollectedAmount>0.18</TaxCollectedAmount>
    </TransactionTax>
</TransactionLine>
</TransactionDetailGroup>

```

Element	Description	Version Supported
TransactionDetailGroup	The main 'grouping' tag of an 'event'-based tag used to identify all of the individual 'items' involved in the transaction.	6.3.5xxx

Element	Description	Version Supported
TransactionLine	Each detail item within the <TransactionDetailGroup> will have this tag. There are two attributes: Status and ApproverID. Their	6.3.5xxx

Element	Description	Version Supported
	definitions are specified below. Keep in mind that these items are attributes of this tag and not subtags.	
status	Normal indicates a normally completed, unmodified transaction line. Cancel indicates a transaction line that was rung and then reversed, and is therefore not included in the transaction total and does not impact store inventory. Return indicates a transaction line for a product returned by the customer for credit as part of a sale transaction. Refund transactions would not use this status. This status could also be used to record foodservice orders that were cancelled after the order was prepared. Return quantity is assumed to be a positive number. Return is not applicable to Tender, PromotionTrigger, PromotionReward, TransactionTax, or CustomerID transaction lines. Other indicates transaction line whose status is user-defined and qualified by the element TransactionLineStatusDescrip	6.3.5xxx
approverID	An identifier for the cashier or manager that approved the SaleEvent, RefundEvent, VoidEvent or TransactionLine. This can be a NULL value.	6.3.5xxx

Element	Description	Version Supported
ItemLine	A main tag indicating that the detail record in question is an 'item' as opposed to a tender item, a tax item, et cetera.	6.3.5xxx
ItemCode	A sub-code off the <ItemLine> tag the defines a convenient complex type of identifying items.	6.3.5xxx
POSCodeFormat	The type of coding scheme used in POSCode. It has an attribute of "format" that is set to the value of "upcA".	6.3.5xxx
POSCode	The scan code or PLU number used to access an item's information. The code-coding scheme used in	6.3.5xxx

Element	Description	Version Supported
	designated in POSCodeFormat.	
POSCodeModifier	Scan code or PLU modifier. In combination with POSCode and POSCodeFormat it uniquely identifies an item. If it is not used a value of "0" (zero) must be provided. It can be used to indicate pricing level. The pack code will be the modifier in most cases.	6.3.5xxx/6.6.C2
Description	Native language description of the transaction item.	6.3.5xxx
EntryMethod	Delineates the method by which an item was identified for the purposes of the transaction (i.e. "scanned", "PLU", "manual entry", et cetera. This has an attribute of "method" and is typically set to "scan".	6.3.5xxx
ActualSalesPrice	The actual price at which an item/fuel grade was sold.	6.3.5xxx
MerchandiseCode	A pointer to the Merchandise Category Lookup Table. The Lowest level of merchandise hierarchy. Typically is referred to as department or category. This may be taken from NACS Category Definitions and Numbering Guide. This typically holds the "SubCategory" value for the detail record of the transaction.	6.3.5xxx
RegularSellPrice	The non-promotional price of the transaction item/fuel grade. It can be negative. It is the price at which the item should normally be sold as modified by the provided qualifiers.	6.3.5xxx
SalesQuantity	The quantity sold of the item/merchandise code sales, less refunds and voids.	6.3.5xxx
SalesAmount	The currency amount before tax of the item/merchandise code sales, less refunds, promotions, discounts, and voids.	6.3.5xxx
ItemTypeCode	A pointer to the Item Type Look-up table. A "null" or "no value" for ItemTypeCode is allowed. Values: (CARW FEES FUEL GIFT LISC LORY LOTO MISC MORD MRH PHON POST QSR	6.3.5xxx

Element	Description	Version Supported
	SERV VDEO)	
SalesRestriction	This should be a NULL value for PCATS certification.	6.3.5xxx

Element	Description	Version Supported
SubItemLine	Optional: A main tag indicating that the detail record in question is an 'item' belonging to the parent 'ItemLine'.	6.3.C7 / 6.6.C3
SubItemLineSequence	Sequence number of SubItemLine within ItemLine	6.3.C7 / 6.6.C3
ComponentItem	A complex type containing details of this SubItem.	6.3.C7 / 6.6.C3
ItemCode	A sub-code off the <SubItemLine> tag that defines a convenient complex type of identifying items.	6.3.C7 / 6.6.C3
POSCodeFormat	The type of coding scheme used in POSCode. It has an attribute of "format" that is set to the value of "upcA".	6.3.C7 / 6.6.C3
POSCode	The scan code or PLU number used to access a SubItem's information. The code-coding scheme used in designated in POSCodeFormat.	6.3.C7 / 6.6.C3
POSCodeModifier	Scan code or PLU modifier. In combination with POSCode and POSCodeFormat it uniquely identifies a SubItem. If it is not used a value of "0" (zero) must be provided.	6.3.C7 / 6.6.C3
InventoryItemID	Contains the item ID of an associated item under which inventory is maintained.	6.3.C7 / 6.6.C3
ComponentItemID	Unique identifier for an item with is a component of some other item. Attributes: componentAction (isAddedTo isMemberOf isRemovedFrom)	6.3.C7 / 6.6.C3
Description	Description of the item	6.3.C7 / 6.6.C3
EntryMethod	Delineates the method by which an	6.3.C7 / 6.6.C3

Element	Description	Version Supported
	item was identified for the purposes of the transaction (i.e. “scanned”, “PLU”, “manual entry”, et cetera. This has an attribute of “method” and is typically set to “scan”.	
SellingUnits	Number of individual units in a transaction item at time of sale. E.g. 6 for a 6 pack.	6.3.C7 / 6.6.C3
MerchandiseCode	A pointer to the Merchandise Category Lookup Table. The Lowest level of merchandise hierarchy. Typically is referred to as a department or category. This may be taken from the NACS Category Definitions and Numbering Guide. The “SubCategory” value in the detail record is used for this value.	6.3.C7 / 6.6.C3
ActualSalesPrice	The actual price at which an item/fuel grade was sold.	6.3.C7 / 6.6.C3
RegularSellPrice	The non-promotional price of the transaction item/fuel grade. It can be negative. It is the price at which the item should normally be sold as modified by the provided qualifiers.	6.3.C7 / 6.6.C3
SalesQuantity	The quantity sold of the item/merchandise code sales, less refunds and voids.	6.3.C7 / 6.6.C3
SalesAmount	The currency amount before tax of the item/merchandise code sales, less refunds, promotions, discounts, and voids.	6.3.C7 / 6.6.C3

Element	Description	Version Supported
TenderInfo	Main tender tag for all tendered transactions. This is a member of the <TransactionLine> tag.	6.3.5xxx
Tender	A subtag with additional tender information defining a compound type for tender identification.	6.3.5xxx
TenderCode	A tag off of the <Tender> with the identifier for a Tender. This holds the “ItemID” value of the detail item in the transaction.	6.3.5xxx

Element	Description	Version Supported
TenderSubCode	A tag off of the <Tender> with a pointer to a value in the Tender Type Sub table. The values here indicate the sub-categories of the type of tender that were used to finalize the item/merchandise code sales. This can be a NULL value.	6.3.5xxx
TenderAmount	A tag off of the <TenderInfo> holding the sum of the value of the tender type taken.	6.3.5xxx
ChangeFlag	A tag off of the <TenderInfo> with an attribute of "value" either holding a "no" value or a "yes" value.	6.3.5xxx

Element	Description	Version Supported
TransactionTax	Main tag for all tax-based detail records. This is a member of the <TransactionLine> tag.	6.3.5xxx
TaxLevelID	A pointer to the Tax Level Table. The values of the table specify the tax level being reported. It usually defines a tax rate or table. This will be the "ItemID" value for a tax-based detail record.	6.3.5xxx
TaxableSalesAmount	The Sum of the taxable value of all sales for this TaxLevelID net of discounts and promotional allowances and after refunds.	6.3.5xxx
TaxCollectedAmount	The amount of tax collected.	6.3.5xxx

Element	Description	Version Supported
Extension	Main tag for all transaction line Extension records. This is a member of the <TransactionLine> tag.	6.6.C2
radiant:DetailLineNumber	The detail line number from inside the pos this used to be sure of which line in Rpos is being referred to and to make sure imports are not duplicates	6.6.C2
radiant:HoseID	The identifier for the hose used in the transaction. When not a fuel purchase	6..6C1

Element	Description	Version Supported
	this value is 0	
Extension><radiant:ItemLine	Main tag withing the extension node for ItemLine extensions	6.6.C2
radiant:TaxItemizerMask	A number representing a bitmask used to identify the tax for that item. This is a member of radiant:ItemLine	6.6.C2
radiant:External_Reference_Id	External ID for the item. This element exists in the Item Line section as part of the radiant:ItemLine extension element.	6.6.C2
radiant:TenderInfo	Main tag within the extension node for TenderInfo subitem extensions	6.6.C2
radiant:Authorization	Main tag within the radiant:TenderInfo node	6.6.C2
radiant:CardType	The card type as defined by epsilon, this is normally a 4 digit number. This is a member of radiant:Authorization	6.6.C2
radiant:CardDescription	A verbose card description, for example "MasterCard". This is a member of radiant:Authorization	6.6.C2
radiant:ShortDescription	A short description for reporting for example "MCard". This is a member of radiant:Authorization	6.6.C2
radiant:ShorterDescription	A very short description mostly for report sorting and grouping for example "MC" This is a member of radiant:Authorization	6.6.C2
radiant:BatchSequenceNumber	The sequence/line number within a batch. This is a member of radiant:Authorization	6.6.C2
radiant:BatchNumber	The batch number this is included in. This is a member of radiant:Authorization	6.6.C2
radiant:ExpDateMonth	Two digit number for the month of the expiration date. This is a member of radiant:Authorization	6.6.C2
radiant:ExpDateYear	Two digit number for the year of the expiration date. This is a member of radiant:Authorization	6.6.C2
radiant:DebitFlag	Returns a Yes or No. This is a member of radiant:Authorization	6.6.C2

Samples

Each of the examples below will be based on a specific type of transaction. Each example was generated to a single file; therefore, your output may vary based on the setting value for the <BatchSize> tag in your SiteServerConfig.xml file.

In addition, the tables following each documented transaction will only show the differences and/or additional tags introduced by the specified transaction type.

Item Sales with Tender (PCATS Certified)

```
<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>10:50:50</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>10:53:33</EndTime>
    </JournalHeader>
    <SaleEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TillID>1</TillID>
      <OutsideSalesFlag value="no" />
      <TransactionID>688</TransactionID>
      <EventStartDate>2005-07-06</EventStartDate>
      <EventStartTime>10:52:28</EventStartTime>
      <EventEndDate>2005-07-06</EventEndDate>
      <EventEndTime>10:52:49</EventEndTime>
      <BusinessDate>2005-07-06</BusinessDate>
      <ReceiptDate>2005-07-06</ReceiptDate>
      <ReceiptTime>10:52:49</ReceiptTime>
      <OfflineFlag value="no" />
      <SuspendFlag value="no" />
      <TransactionDetailGroup>
        <TransactionLine status="normal" approverID="">
          <ItemLine>
            <ItemCode>
              <POSCodeFormat format="upcA" />
              <POSCode>6274</POSCode>
              <POSCodeModifier>0</POSCodeModifier>
            </ItemCode>
            <Description>Turkey/6</Description>
            <EntryMethod method="scan" />
            <ActualSalesPrice>2.59</ActualSalesPrice>
            <MerchandiseCode>353</MerchandiseCode>
            <RegularSellPrice>2.59</RegularSellPrice>
            <SalesQuantity>1</SalesQuantity>
```

```

        <SalesAmount>2.59</SalesAmount>
        <ItemTypeCode />
        <SalesRestriction />
    </ItemLine>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TenderInfo>
        <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
        </Tender>
        <TenderAmount>2.77</TenderAmount>
        <ChangeFlag value="no" />
    </TenderInfo>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TransactionTax>
        <TaxLevelID>1000056</TaxLevelID>
        <TaxableSalesAmount>2.59</TaxableSalesAmount>
        <TaxCollectedAmount>0.18</TaxCollectedAmount>
    </TransactionTax>
</TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>2.59</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>2.77</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0.18</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>0.18</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Item Sales with Tender and Change Due (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
    <TransmissionHeader>
        <StoreLocationID>001</StoreLocationID>
        <VendorName>Radiant Systems</VendorName>
        <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
        <Extension>
            <radiant:StoreName>Business Unit Name</radiant:StoreName>
        </Extension>
    </TransmissionHeader>
    <JournalReport>
        <JournalHeader>
            <ReportSequenceNumber>1</ReportSequenceNumber>
            <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
            <SecondaryReportPeriod />
            <BeginDate>2005-07-06</BeginDate>
            <BeginTime>10:59:28</BeginTime>
            <EndDate>2005-07-06</EndDate>
            <EndTime>10:59:28</EndTime>
        </JournalHeader>
        <SaleEvent uuid="">
            <EventSequenceID>1</EventSequenceID>
            <TrainingModeFlag value="no" />
            <CashierID>1000000225</CashierID>
            <RegisterID>1</RegisterID>
            <TillID>1</TillID>
            <OutsideSalesFlag value="no" />
            <TransactionID>689</TransactionID>
            <EventStartDate>2005-07-06</EventStartDate>
            <EventStartTime>10:57:40</EventStartTime>
        </SaleEvent>
    </JournalReport>
</NAXML-POSJournal>

```



```

<EventEndDate>2005-07-06</EventEndDate>
<EventEndTime>10:57:45</EventEndTime>
<BusinessDate>2005-07-06</BusinessDate>
<ReceiptDate>2005-07-06</ReceiptDate>
<ReceiptTime>10:57:45</ReceiptTime>
<OfflineFlag value="no" />
<SuspendFlag value="no" />
<TransactionDetailGroup>
  <TransactionLine status="normal" approverID="">
    <ItemLine>
      <ItemCode>
        <POSCodeFormat format="upcA" />
        <POSCode>1200000417</POSCode>
        <POSCodeModifier>0</POSCodeModifier>
      </ItemCode>
      <Description>PEP ALL SPRT LIME S CAP/20 OZ</Description>
      <EntryMethod method="scan" />
      <ActualSalesPrice>1.09</ActualSalesPrice>
      <MerchandiseCode>67</MerchandiseCode>
      <RegularSellPrice>1.09</RegularSellPrice>
      <SalesQuantity>1</SalesQuantity>
      <SalesAmount>1.09</SalesAmount>
      <ItemTypeCode />
      <SalesRestriction />
    </ItemLine>
  </TransactionLine>
  <TransactionLine status="normal" approverID="">
    <TenderInfo>
      <Tender>
        <TenderCode>1000143</TenderCode>
        <TenderSubCode />
      </Tender>
      <TenderAmount>1.17</TenderAmount>
      <ChangeFlag value="no" />
    </TenderInfo>
    <TenderInfo>
      <Tender>
        <TenderCode>1000143</TenderCode>
        <TenderSubCode />
      </Tender>
      <TenderAmount>18.83</TenderAmount>
      <ChangeFlag value="yes" />
    </TenderInfo>
  </TransactionLine>
  <TransactionLine status="normal" approverID="">
    <TransactionTax>
      <TaxLevelID>1000056</TaxLevelID>
      <TaxableSalesAmount>1.09</TaxableSalesAmount>
      <TaxCollectedAmount>0.08</TaxCollectedAmount>
    </TransactionTax>
  </TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
  <TransactionTotalGrossAmount>1.09</TransactionTotalGrossAmount>
  <TransactionTotalNetAmount>1.17</TransactionTotalNetAmount>
  <TransactionTotalTaxSalesAmount>0.08</TransactionTotalTaxSalesAmount>
  <TransactionTotalTaxNetAmount>0.08</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Change-due situations cause an additional <TenderInfo> tag set to be added immediately following the main tender tag relating to the purchase of the item.

Therefore, the first <TenderInfo> tag will contain the payment information and the second <TenderInfo> tag will contain the change-due information. The <TenderAmount> will hold the value of 'change due'.

Element	Description	Version Supported
ChangeFlag	Attribute of "value" will be set to "yes".	6.3.5xxx

Item Sales with Discount (PCATS Certified)

```
<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>11:02:38</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>11:02:38</EndTime>
    </JournalHeader>
    <SaleEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TillID>1</TillID>
      <OutsideSalesFlag value="no" />
      <TransactionID>690</TransactionID>
      <EventStartDate>2005-07-06</EventStartDate>
      <EventStartTime>11:01:24</EventStartTime>
      <EventEndDate>2005-07-06</EventEndDate>
      <EventEndTime>11:01:39</EventEndTime>
      <BusinessDate>2005-07-06</BusinessDate>
      <ReceiptDate>2005-07-06</ReceiptDate>
      <ReceiptTime>11:01:39</ReceiptTime>
      <OfflineFlag value="no" />
      <SuspendFlag value="no" />
      <TransactionDetailGroup>
        <TransactionLine status="normal" approverID="">
          <ItemLine>
            <ItemCode>
              <POSCodeFormat format="upcA" />
              <POSCode>3400000524</POSCode>
              <POSCodeModifier>0</POSCodeModifier>
            </ItemCode>
            <Description>HRSHY CARMELLO/KING</Description>
            <EntryMethod method="scan" />
            <ActualSalesPrice>0.99</ActualSalesPrice>
            <MerchandiseCode>68</MerchandiseCode>
            <RegularSellPrice>0.99</RegularSellPrice>
            <SalesQuantity>1</SalesQuantity>
```

```

        <SalesAmount>0.99</SalesAmount>
        <ItemTypeCode />
        <SalesRestriction />
    </ItemLine>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <DiscountLine>
        <Discount>
            <DiscountAmount>-0.2</DiscountAmount>
            <DiscountReason>20% item</DiscountReason>
        </Discount>
        <Extension>
            <radiant:DetailLineNumber>4</radiant:DetailLineNumber>
            <radiant:HoseID>0</radiant:HoseID>
            <radiant:Discount>
                <radiant:DiscountID type="DI">0003333</radiant:DiscountID>
                <radiant:TargetLineNumber>1</radiant:TargetLineNumber>
            </radiant:Discount>
        </Extension>
    </DiscountLine>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TenderInfo>
        <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
        </Tender>
        <TenderAmount>0.86</TenderAmount>
        <ChangeFlag value="no" />
    </TenderInfo>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TransactionTax>
        <TaxLevelID>1000056</TaxLevelID>
        <TaxableSalesAmount>0.99</TaxableSalesAmount>
        <TaxCollectedAmount>0.07</TaxCollectedAmount>
    </TransactionTax>
</TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>0.99</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>0.86</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0.07</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>0.07</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
DiscountLine	The main tag following the <TransactionLine> tag for each discount item in the transaction.	6.3.5xxx
Discount	The main itemizing tag within the <DiscountLine> tag containing detailed information pertaining to the discount.	6.3.5xxx

Element	Description	Version Supported
DiscountAmount	Sum of all discounts associated with the item/merchandise code being reported. For fuel grade sales, this sum is not reflected in FuelGradeSalesAmount. For PJR, this is the amount of the discount associated with the individual item in the transaction or with the transaction as a whole.	6.3.5xxx
DiscountReason	The reason for the discount.	6.3.5xxx
radiant:DiscountID	The identifier of the discount. Current supported types are "DI" for Item and Loyalty Item discounts, "DT" for Transaction discounts, and "C" for Item or Transaction coupons. Beginning in 6.7C3 the value of this field will be the External Id of the discount if it exists in the local system.	6.6.C2
radiant:TargetLineNumber	The line item in the transaction that the reward value of the coupon was applied	6.7.C3
radiant:External_Reference_Id	This element should identify the discount to the Back Office System. For a Loyalty Transaction this value will match the value in the RedeemedCouponID element if the specific RPOS discount was created for the Loyalty discount.	6.8.C1

Safe Loan (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>11:21:07</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>11:21:06</EndTime>
    </JournalHeader>
    <FinancialEvent uuid="">

```

```

<EventSequenceID>1</EventSequenceID>
<TransactionID>696</TransactionID>
<TrainingModeFlag value="no" />
<CashierID>1000000225</CashierID>
<RegisterID>1</RegisterID>
<TillID>1</TillID>
<EventStartDate>2005-07-06</EventStartDate>
<EventStartTime>11:20:27</EventStartTime>
<EventEndDate>2005-07-06</EventEndDate>
<EventEndTime>11:20:27</EventEndTime>
<BusinessDate>2005-07-06</BusinessDate>
<ReceiptDate>2005-07-06</ReceiptDate>
<ReceiptTime>11:20:27</ReceiptTime>
<OfflineFlag value="no" />
<SuspendFlag value="no" />
<FinancialEventDetail status="normal">
  <SafeLoanDetail>
    <LoanAmount>25</LoanAmount>
    <TenderInfo>
      <Tender>
        <TenderCode />
        <TenderSubCode />
      </Tender>
      <TenderAmount>25</TenderAmount>
      <ChangeFlag value="no" />
    </TenderInfo>
    <SafeLoanReason>Safe Loan</SafeLoanReason>
  </SafeLoanDetail>
</FinancialEventDetail>
</FinancialEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
SafeLoanDetail	The main tag for safe loan detailed information	6.3.5xxx
LoanAmount	The monetary value of the safe loan that was performed.	6.3.5xxx
TenderInfo	Standard <Tender> information seen in other transactions.	6.3.5xxx
SafeLoanReason	Reason for the safe loan.	6.3.5xxx

Safe Drop (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
    </JournalHeader>
  </JournalReport>
</NAXML-POSJournal>

```

```

    <BeginTime>11:18:00</BeginTime>
    <EndDate>2005-07-06</EndDate>
    <EndTime>11:17:59</EndTime>
  </JournalHeader>
  <FinancialEvent uuid="">
    <EventSequenceID>1</EventSequenceID>
    <TransactionID>695</TransactionID>
    <TrainingModeFlag value="no" />
    <CashierID>1000000225</CashierID>
    <RegisterID>1</RegisterID>
    <TillID>1</TillID>
    <EventStartDate>2005-07-06</EventStartDate>
    <EventStartTime>11:17:02</EventStartTime>
    <EventEndDate>2005-07-06</EventEndDate>
    <EventEndTime>11:17:02</EventEndTime>
    <BusinessDate>2005-07-06</BusinessDate>
    <ReceiptDate>2005-07-06</ReceiptDate>
    <ReceiptTime>11:17:02</ReceiptTime>
    <OfflineFlag value="no" />
    <SuspendFlag value="no" />
    <FinancialEventDetail status="normal">
      <SafeDropDetail>
        <DropAmount>50</DropAmount>
        <EnvelopeID>1</EnvelopeID>
        <DropNumber>695</DropNumber>
        <TenderInfo>
          <Tender>
            <TenderCode />
            <TenderSubCode />
          </Tender>
          <TenderAmount>50</TenderAmount>
          <ChangeFlag value="no" />
        </TenderInfo>
      </SafeDropDetail>
    </FinancialEventDetail>
  </FinancialEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
SafeDropDetail	The main tag for safe drop detailed information	6.3.5xxx
DropAmount	The monetary value of the safe drop that was performed.	6.3.5xxx
EnvelopeID	The unique identifier that was on the envelope, that the money was placed in during the safe drop event. The transaction counter will be stored to this tag.	6.3.5xxx
DropNumber	A unique identifier for the safe drop that was performed. The "TranSequenceNumber" value for the detail record will be stored to this tag.	6.3.5xxx
TenderInfo	Standard <Tender> information seen in other transactions.	6.3.5xxx

Pay-Out (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>11:14:47</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>11:14:46</EndTime>
    </JournalHeader>
    <FinancialEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TransactionID>694</TransactionID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TillID>1</TillID>
      <EventStartDate>2005-07-06</EventStartDate>
      <EventStartTime>11:14:22</EventStartTime>
      <EventEndDate>2005-07-06</EventEndDate>
      <EventEndTime>11:14:22</EventEndTime>
      <BusinessDate>2005-07-06</BusinessDate>
      <ReceiptDate>2005-07-06</ReceiptDate>
      <ReceiptTime>11:14:22</ReceiptTime>
      <OfflineFlag value="no" />
      <SuspendFlag value="no" />
      <FinancialEventDetail status="normal">
        <PayOutDetail>
          <DetailAmount>50</DetailAmount>
          <TenderInfo>
            <Tender>
              <TenderCode />
              <TenderSubCode />
            </Tender>
            <TenderAmount>50</TenderAmount>
            <ChangeFlag value="no" />
          </TenderInfo>
          <PayOutReason>payOutReason</PayOutReason>
        </PayOutDetail>
      </FinancialEventDetail>
    </FinancialEvent>
  </JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
PayOutDetail	The main tag for pay out detailed information	6.3.5xxx
DetailAmount	The monetary amount that was transferred in a Drawer Loan or Safe	6.3.5xxx

Element	Description	Version Supported
	Drop event.	
TenderInfo	Standard <Tender> information seen in other transactions.	6.3.5xxx
PayOutReason	This is a hard-coded value of "payOutReason" for this item for PCATS certification.	6.3.5xxx

Pay-In (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>11:12:30</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>11:12:29</EndTime>
    </JournalHeader>
    <FinancialEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TransactionID>693</TransactionID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TillID>1</TillID>
      <EventStartDate>2005-07-06</EventStartDate>
      <EventStartTime>11:12:06</EventStartTime>
      <EventEndDate>2005-07-06</EventEndDate>
      <EventEndTime>11:12:06</EventEndTime>
      <BusinessDate>2005-07-06</BusinessDate>
      <ReceiptDate>2005-07-06</ReceiptDate>
      <ReceiptTime>11:12:06</ReceiptTime>
      <OfflineFlag value="no" />
      <SuspendFlag value="no" />
      <FinancialEventDetail status="normal">
        <PayInDetail>
          <DetailAmount>100</DetailAmount>
          <TenderInfo>
            <Tender>
              <TenderCode />
              <TenderSubCode />
            </Tender>
            <TenderAmount>-100</TenderAmount>
            <ChangeFlag value="no" />
          </TenderInfo>
          <PayInReason>payInReason</PayInReason>
        </PayInDetail>
      </FinancialEventDetail>
    </FinancialEvent>
  </JournalReport>
</NAXML-POSJournal>

```



```
</JournalReport>
</NAXML-POSJournal>
```

Element	Description	Version Supported
PayInDetail	The main tag for pay in detailed information	6.3.5xxx
DetailAmount	The monetary amount that was transferred in a Drawer Loan or Safe Drop.	6.3.5xxx
TenderInfo	Standard <Tender> information seen in other transactions.	6.3.5xxx
PayInReason	This is a hard-coded value of "payInReason" for this item for PCATS certification.	6.3.5xxx

Void Event (PCATS Certified)

```
<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1186</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>20:27:09</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>20:27:01</EndTime>
    </JournalHeader>
    <VoidEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TIID>1</TIID>
      <OutsideSalesFlag value="no" />
      <TransactionID>737</TransactionID>
      <EventStartDate>2005-07-06</EventStartDate>
      <EventStartTime>20:25:55</EventStartTime>
      <EventEndDate>2005-07-06</EventEndDate>
      <EventEndTime>20:26:19</EventEndTime>
      <BusinessDate>2005-07-06</BusinessDate>
      <ReceiptDate>2005-07-06</ReceiptDate>
      <ReceiptTime>20:26:19</ReceiptTime>
      <OfflineFlag value="no" />
      <SuspendFlag value="no" />
      <TransactionDetailGroup>
        <TransactionLine status="normal" approverID="">
          <TransactionLineStatusDescription>normal</TransactionLineStatusDescription>
          <TransactionLineSequenceNumber>737</TransactionLineSequenceNumber>
          <ItemLine>
```

```

        <ItemCode>
          <POSCodeFormat format="upcA" />
          <POSCode>69</POSCode>
          <POSCodeModifier name="">0</POSCodeModifier>
          <InventoryItemID />
        </ItemCode>
        <Description>PEP 20NR CHERRY PEPSI/20 OZ</Description>
        <EntryMethod method="scan" />
        <ActualSalesPrice>0.99</ActualSalesPrice>
        <MerchandiseCode>67</MerchandiseCode>
        <RegularSellPrice>0.99</RegularSellPrice>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>0.99</SalesAmount>
        <ItemTypeCode />
        <SalesRestriction />
      </ItemLine>
    </TransactionLine>
  </TransactionDetailGroup>
  <TransactionSummary>
    <RoundingAmount>0</RoundingAmount>
    <TransactionTotalGrossAmount>0.99</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>1.06</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0.07</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxExemptAmount>0</TransactionTotalTaxExemptAmount>
    <TransactionTotalTaxForgivenAmount>0</TransactionTotalTaxForgivenAmount>
    <TransactionTotalTaxNetAmount>0.07</TransactionTotalTaxNetAmount>
    <TaxExemptCertificateID />
    <TransactionTotalGrandAmount>1.06</TransactionTotalGrandAmount>
  </TransactionSummary>
  <FinalizedFlag />
  <ApproverID />
  <VoidReason>voidReason</VoidReason>
</VoidEvent>
</JournalReport>
</NAXML-POSJournal>

```

A VoidEvent transaction will have additional information in the <TransactionSummary> section of the output.

Element	Description	Version Supported
RoundingAmount	The monetary amount that was added to (or removed) from the item or transaction due to currency rounding. This must be the first item in the <TransactionSummary> section.	6.3.5xxx
TransactionTotalTaxExemptAmount	The sum of all tax exemptions that were applied in the transaction. This tag must immediately follow the <TransactionTotalTaxSalesAmount> tag and can be set to a value of 0.	6.3.5xxx
TransactionTotalTaxForgivenAmount	The sum of all tax that was forgiven in the transaction.	6.3.5xxx

Element	Description	Version Supported
	This tag must immediately follow the <TransactionTotalTaxExemptAmount> tag and can be set to a value of 0.	
TaxExemptCertificateID	The tax exempt number issued by the tax authority to the customer who is tax exempt. This tag must immediately follow the <TransactionTotalTaxNetAmount> tag and it can be set to a NULL value.	6.3.5xxx
TransactionTotalGrandAmount	The total amount of the transaction after applying transaction level discounts, promotions, taxes, et cetera. This tag must immediately follow the <TaxExemptCertificateID> tag.	6.3.5xxx

Refund Event (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1186</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>20:32:05</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>20:31:57</EndTime>
    </JournalHeader>
    <RefundEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TIID>1</TIID>
      <OutsideSalesFlag value="no" />
      <TransactionID>738</TransactionID>
      <EventStartDate>2005-07-06</EventStartDate>
      <EventStartTime>20:31:11</EventStartTime>
      <EventEndDate>2005-07-06</EventEndDate>
      <EventEndTime>20:31:23</EventEndTime>
      <BusinessDate>2005-07-06</BusinessDate>
      <ReceiptDate>2005-07-06</ReceiptDate>
    </RefundEvent>
  </JournalReport>
</NAXML-POSJournal>

```

```

<ReceiptTime>20:31:23</ReceiptTime>
<OfflineFlag value="no" />
<SuspendFlag value="no" />
<TransactionDetailGroup>
  <TransactionLine status="normal" approverID="">
    <TransactionLineStatusDescription>normal</TransactionLineStatusDescription>
    <TransactionLineSequenceNumber>738</TransactionLineSequenceNumber>
    <ItemLine>
      <ItemCode>
        <POSCodeFormat format="upcA" />
        <POSCode>2840001472</POSCode>
        <POSCodeModifier name="">0</POSCodeModifier>
        <InventoryItemID />
      </ItemCode>
      <Description>LAYS BAKED REG/0</Description>
      <EntryMethod method="scan" />
      <ActualSalesPrice>1.99</ActualSalesPrice>
      <MerchandiseCode>75</MerchandiseCode>
      <RegularSellPrice>1.99</RegularSellPrice>
      <SalesQuantity>1</SalesQuantity>
      <SalesAmount>1.99</SalesAmount>
      <ItemTypeCode />
      <SalesRestriction />
    </ItemLine>
  </TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
  <RoundingAmount>0</RoundingAmount>
  <TransactionTotalGrossAmount>1.99</TransactionTotalGrossAmount>
  <TransactionTotalNetAmount>2.13</TransactionTotalNetAmount>
  <TransactionTotalTaxSalesAmount>0.14</TransactionTotalTaxSalesAmount>
  <TransactionTotalTaxExemptAmount>0</TransactionTotalTaxExemptAmount>
  <TransactionTotalTaxForgivenAmount>0</TransactionTotalTaxForgivenAmount>
  <TransactionTotalTaxNetAmount>0.14</TransactionTotalTaxNetAmount>
  <TaxExemptCertificateID />
  <TransactionTotalGrandAmount>0</TransactionTotalGrandAmount>
</TransactionSummary>
<ApproverID />
<RefundReason>refundReason</RefundReason>
</RefundEvent>
</JournalReport>
</NAXML-POSJournal>

```

MerchandiseCode Sales with Tender (PCATS Certified)

A “MerchandiseCode” sales is one where the ItemType tag in the transaction detail record is set to 11.

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
    </JournalHeader>
  </JournalReport>
</NAXML-POSJournal>

```

```

    <BeginDate>2005-07-06</BeginDate>
    <BeginTime>11:06:55</BeginTime>
    <EndDate>2005-07-06</EndDate>
    <EndTime>11:06:54</EndTime>
  </JournalHeader>
  <SaleEvent uuid="">
    <EventSequenceID>1</EventSequenceID>
    <TrainingModeFlag value="no" />
    <CashierID>1000000225</CashierID>
    <RegisterID>1</RegisterID>
    <TillID>1</TillID>
    <OutsideSalesFlag value="no" />
    <TransactionID>691</TransactionID>
    <EventStartDate>2005-07-06</EventStartDate>
    <EventStartTime>11:06:01</EventStartTime>
    <EventEndDate>2005-07-06</EventEndDate>
    <EventEndTime>11:06:26</EventEndTime>
    <BusinessDate>2005-07-06</BusinessDate>
    <ReceiptDate>2005-07-06</ReceiptDate>
    <ReceiptTime>11:06:26</ReceiptTime>
    <OfflineFlag value="no" />
    <SuspendFlag value="no" />
    <TransactionDetailGroup>
      <TransactionLine status="normal" approverID="">
        <MerchandiseCodeLine>
          <MerchandiseCode>64</MerchandiseCode>
          <Description>Beer Department/EACH</Description>
          <ActualSalesPrice>15</ActualSalesPrice>
          <RegularSellPrice>15</RegularSellPrice>
          <SalesQuantity>1</SalesQuantity>
          <SalesAmount>15</SalesAmount>
          <SalesRestriction />
        </MerchandiseCodeLine>
      </TransactionLine>
      <TransactionLine status="normal" approverID="">
        <TenderInfo>
          <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
          </Tender>
          <TenderAmount>16.05</TenderAmount>
          <ChangeFlag value="no" />
        </TenderInfo>
      </TransactionLine>
      <TransactionLine status="normal" approverID="">
        <TransactionTax>
          <TaxLevelID>1000056</TaxLevelID>
          <TaxableSalesAmount>15</TaxableSalesAmount>
          <TaxCollectedAmount>1.05</TaxCollectedAmount>
        </TransactionTax>
      </TransactionLine>
    </TransactionDetailGroup>
    <TransactionSummary>
      <TransactionTotalGrossAmount>15</TransactionTotalGrossAmount>
      <TransactionTotalNetAmount>16.05</TransactionTotalNetAmount>
      <TransactionTotalTaxSalesAmount>1.05</TransactionTotalTaxSalesAmount>
      <TransactionTotalTaxNetAmount>1.05</TransactionTotalTaxNetAmount>
    </TransactionSummary>
  </SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
---------	-------------	-------------------

Element	Description	Version Supported
MerchandiseCodeLine	The main tag for detail information for a MerchandiseCode item. This tag immediately follows the <TransactionLine> tag.	6.3.5xxx
MerchandiseCode	A pointer to the Merchandise Category Lookup Table. The Lowest level of merchandise hierarchy. Typically is referred to as a department or category. This may be taken from the NACS Category Definitions and Numbering Guide. The "SubCategory" value in the detail record is used for this value.	6.3.5xxx
Description	Native language description of this transaction item.	6.3.5xxx
ActualSalesPrice	The actual price at which this item was sold.	6.3.5xxx
RegularSellPrice	The non-promotional price of this item. It can be negative. It is the price at which the item should normally be sold as modified by the provided qualifiers.	6.3.5xxx
SalesQuantity	The quantity sold of this item, less refunds and voids.	6.3.5xxx
SalesAmount	The currency amount before tax of this item, less refunds, promotions, discounts, and voids.	6.3.5xxx
SalesRestriction	This should be a NULL value for PCATS certification.	6.3.5xxx

MerchandiseCode Sales with Tender, Change Due (PCATS Certified)

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
    </JournalHeader>
  </JournalReport>
</NAXML-POSJournal>

```

```

    <BeginTime>11:09:52</BeginTime>
    <EndDate>2005-07-06</EndDate>
    <EndTime>11:09:51</EndTime>
  </JournalHeader>
  <SaleEvent uuid="">
    <EventSequenceID>1</EventSequenceID>
    <TrainingModeFlag value="no" />
    <CashierID>1000000225</CashierID>
    <RegisterID>1</RegisterID>
    <TillID>1</TillID>
    <OutsideSalesFlag value="no" />
    <TransactionID>692</TransactionID>
    <EventStartDate>2005-07-06</EventStartDate>
    <EventStartTime>11:08:49</EventStartTime>
    <EventEndDate>2005-07-06</EventEndDate>
    <EventEndTime>11:09:03</EventEndTime>
    <BusinessDate>2005-07-06</BusinessDate>
    <ReceiptDate>2005-07-06</ReceiptDate>
    <ReceiptTime>11:09:03</ReceiptTime>
    <OfflineFlag value="no" />
    <SuspendFlag value="no" />
    <TransactionDetailGroup>
      <TransactionLine status="normal" approverID="">
        <MerchandiseCodeLine>
          <MerchandiseCode>65</MerchandiseCode>
          <Description>Wine Department/EACH</Description>
          <ActualSalesPrice>25</ActualSalesPrice>
          <RegularSellPrice>25</RegularSellPrice>
          <SalesQuantity>1</SalesQuantity>
          <SalesAmount>25</SalesAmount>
          <SalesRestriction />
        </MerchandiseCodeLine>
      </TransactionLine>
      <TransactionLine status="normal" approverID="">
        <TenderInfo>
          <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
          </Tender>
          <TenderAmount>26.75</TenderAmount>
          <ChangeFlag value="no" />
        </TenderInfo>
        <TenderInfo>
          <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
          </Tender>
          <TenderAmount>3.25</TenderAmount>
          <ChangeFlag value="yes" />
        </TenderInfo>
      </TransactionLine>
      <TransactionLine status="normal" approverID="">
        <TransactionTax>
          <TaxLevelID>1000056</TaxLevelID>
          <TaxableSalesAmount>25</TaxableSalesAmount>
          <TaxCollectedAmount>1.75</TaxCollectedAmount>
        </TransactionTax>
      </TransactionLine>
    </TransactionDetailGroup>
  </TransactionSummary>
  <TransactionTotalGrossAmount>25</TransactionTotalGrossAmount>
  <TransactionTotalNetAmount>26.75</TransactionTotalNetAmount>
  <TransactionTotalTaxSalesAmount>1.75</TransactionTotalTaxSalesAmount>
  <TransactionTotalTaxNetAmount>1.75</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>

```

```

    </JournalReport>
</NAXML-POSJournal>

```

Price Overrides

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1187</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-07</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-07</BeginDate>
      <BeginTime>11:16:36</BeginTime>
      <EndDate>2005-07-07</EndDate>
      <EndTime>11:19:53</EndTime>
    </JournalHeader>
    <SaleEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TillID>1</TillID>
      <OutsideSalesFlag value="no" />
      <TransactionID>754</TransactionID>
      <EventStartDate>2005-07-07</EventStartDate>
      <EventStartTime>11:18:50</EventStartTime>
      <EventEndDate>2005-07-07</EventEndDate>
      <EventEndTime>11:19:07</EventEndTime>
      <BusinessDate>2005-07-07</BusinessDate>
      <ReceiptDate>2005-07-07</ReceiptDate>
      <ReceiptTime>11:19:07</ReceiptTime>
      <OfflineFlag value="no" />
      <SuspendFlag value="no" />
      <TransactionDetailGroup>
        <TransactionLine status="normal" approverID="">
          <ItemLine>
            <ItemCode>
              <POSCodeFormat format="upcA" />
              <POSCode>69</POSCode>
              <POSCodeModifier>0</POSCodeModifier>
            </ItemCode>
            <Description>PEP 20NR CHERRY PEPSI/20 OZ</Description>
            <EntryMethod method="scan" />
            <ActualSalesPrice>10</ActualSalesPrice>
            <MerchandiseCode>67</MerchandiseCode>
            <RegularSellPrice>0.99</RegularSellPrice>
            <PriceOverride>
              <PriceOverridePrice>10</PriceOverridePrice>
              <PriceOverrideApproverID />
              <PriceOverrideReason>Generic - Price</PriceOverrideReason>
            </PriceOverride>
            <SalesQuantity>1</SalesQuantity>
            <SalesAmount>10</SalesAmount>
            <ItemTypeCode />
            <SalesRestriction />

```



```

        </ItemLine>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
        <TenderInfo>
            <Tender>
                <TenderCode>1000143</TenderCode>
                <TenderSubCode />
            </Tender>
            <TenderAmount>10.7</TenderAmount>
            <ChangeFlag value="no" />
        </TenderInfo>
        <TenderInfo>
            <Tender>
                <TenderCode>1000143</TenderCode>
                <TenderSubCode />
            </Tender>
            <TenderAmount>9.30</TenderAmount>
            <ChangeFlag value="yes" />
        </TenderInfo>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
        <TransactionTax>
            <TaxLevelID>1000056</TaxLevelID>
            <TaxableSalesAmount>10</TaxableSalesAmount>
            <TaxCollectedAmount>0.7</TaxCollectedAmount>
        </TransactionTax>
    </TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>10</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>10.7</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0.7</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>0.7</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
PriceOverride	This is the main tag for detailed information should a price override situation exist for an individual item within the transaction. This tag will appear within the <ItemLine> item in question.	6.3.5xxx
PriceOverridePrice	The price after overriding takes place.	6.3.5xxx
PriceOverrideApproverID	Identifies the individual authorizing the price override. This can be a NULL value.	6.3.5xxx
PriceOverrideReason	The reason for the price override.	6.3.5xxx

Money Order Sales

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
    <TransmissionHeader>

```

```

<StoreLocationID>001</StoreLocationID>
<VendorName>Radiant Systems</VendorName>
<VendorModelVersion>RPOS Export: 6.3.1184</VendorModelVersion>
<Extension>
  <radiant:StoreName>Business Unit Name</radiant:StoreName>
</Extension>
</TransmissionHeader>
<JournalReport>
  <JournalHeader>
    <ReportSequenceNumber>1</ReportSequenceNumber>
    <PrimaryReportPeriod>2005-07-05</PrimaryReportPeriod>
    <SecondaryReportPeriod />
    <BeginDate>2005-07-05</BeginDate>
    <BeginTime>14:09:29</BeginTime>
    <EndDate>2005-07-05</EndDate>
    <EndTime>14:15:20</EndTime>
  </JournalHeader>
  <SaleEvent uuid="">
    <EventSequenceID>1</EventSequenceID>
    <TrainingModeFlag value="no" />
    <CashierID>1000000225</CashierID>
    <RegisterID>1</RegisterID>
    <TillID>1</TillID>
    <OutsideSalesFlag value="no" />
    <TransactionID>657</TransactionID>
    <EventStartDate>2005-07-05</EventStartDate>
    <EventStartTime>14:14:08</EventStartTime>
    <EventEndDate>2005-07-05</EventEndDate>
    <EventEndTime>14:14:30</EventEndTime>
    <BusinessDate>2005-07-05</BusinessDate>
    <ReceiptDate>2005-07-05</ReceiptDate>
    <ReceiptTime>14:14:30</ReceiptTime>
    <OfflineFlag value="no" />
    <SuspendFlag value="no" />
    <TransactionDetailGroup>
      <TransactionLine status="normal" approverID="">
        <MoneyOrderLine>
          <MoneyOrderNumber>0</MoneyOrderNumber>
          <MoneyOrderCheckDigit />
          <MoneyOrderFeeCollected />
          <MoneyOrderFaceAmount>50</MoneyOrderFaceAmount>
          <MoneyOrderTypeIndicator />
        </MoneyOrderLine>
      </TransactionLine>
      <TransactionLine status="normal" approverID="">
        <TenderInfo>
          <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
          </Tender>
          <TenderAmount>54</TenderAmount>
          <ChangeFlag value="no" />
        </TenderInfo>
        <TenderInfo>
          <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
          </Tender>
          <TenderAmount>0.50</TenderAmount>
          <ChangeFlag value="yes" />
        </TenderInfo>
      </TransactionLine>
      <TransactionLine status="normal" approverID="">
        <TransactionTax>
          <TaxLevelID>1000056</TaxLevelID>
          <TaxableSalesAmount>50</TaxableSalesAmount>
        </TransactionTax>
      </TransactionLine>
    </TransactionDetailGroup>
  </SaleEvent>
</JournalReport>

```

```

        <TaxCollectedAmount>3.5</TaxCollectedAmount>
      </TransactionTax>
    </TransactionLine>
  </TransactionDetailGroup>
  <TransactionSummary>
    <TransactionTotalGrossAmount>50</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>53.5</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>3.5</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>3.5</TransactionTotalTaxNetAmount>
  </TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
MoneyOrderLine	Main tag for individual money order line items within the transactions	6.3.5xxx
MoneyOrderNumber	The sequential number issued by the money order company to the individual money order being sold. This can be a NULL value	6.3.5xxx
MoneyOrderCheckDigit	The check digit in the money order number. This can be a NULL value	6.3.5xxx
MoneyOrderFeeCollected	The fee collected for selling a money order. This can be a NULL value	6.3.5xxx
MoneyOrderFaceAmount	The face value imprinted on the money order.	6.3.5xxx
MoneyOrderTypeIndicator	An indicator as to the type of money order, i.e., vendor payment, payroll, customer, etc. This can be a NULL value.	6.3.5xxx

Lottery Sales

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-06</BeginDate>
      <BeginTime>15:56:52</BeginTime>
      <EndDate>2005-07-06</EndDate>
      <EndTime>15:56:47</EndTime>
    </JournalHeader>
  </JournalReport>
</NAXML-POSJournal>

```

```

</JournalHeader>
<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no" />
  <CashierID>1000000225</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no" />
  <TransactionID>710</TransactionID>
  <EventStartDate>2005-07-06</EventStartDate>
  <EventStartTime>15:54:57</EventStartTime>
  <EventEndDate>2005-07-06</EventEndDate>
  <EventEndTime>15:55:54</EventEndTime>
  <BusinessDate>2005-07-06</BusinessDate>
  <ReceiptDate>2005-07-06</ReceiptDate>
  <ReceiptTime>15:55:54</ReceiptTime>
  <OfflineFlag value="no" />
  <SuspendFlag value="no" />
  <TransactionDetailGroup>
    <TransactionLine status="normal" approverID="">
      <ItemLine>
        <ItemCode>
          <POSCodeFormat format="upcA" />
          <POSCode>0</POSCode>
          <POSCodeModifier>0</POSCodeModifier>
        </ItemCode>
        <Description>$10 Dollar Ticket/EACH</Description>
        <EntryMethod method="scan" />
        <ActualSalesPrice>10</ActualSalesPrice>
        <MerchandiseCode>87</MerchandiseCode>
        <RegularSellPrice>10</RegularSellPrice>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>10</SalesAmount>
        <ItemTypeCode>LOTO</ItemTypeCode>
        <SalesRestriction />
      </ItemLine>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
      <ItemLine>
        <ItemCode>
          <POSCodeFormat format="upcA" />
          <POSCode>6276</POSCode>
          <POSCodeModifier>0</POSCodeModifier>
        </ItemCode>
        <Description>Ham/6" </Description>
        <EntryMethod method="scan" />
        <ActualSalesPrice>2.49</ActualSalesPrice>
        <MerchandiseCode>353</MerchandiseCode>
        <RegularSellPrice>2.49</RegularSellPrice>
        <SalesQuantity>2</SalesQuantity>
        <SalesAmount>4.98</SalesAmount>
        <ItemTypeCode />
        <SalesRestriction />
      </ItemLine>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
      <TenderInfo>
        <Tender>
          <TenderCode>1000143</TenderCode>
          <TenderSubCode />
        </Tender>
        <TenderAmount>16.03</TenderAmount>
        <ChangeFlag value="no" />
      </TenderInfo>
      <TenderInfo>
        <Tender>

```

```

        <TenderCode>1000143</TenderCode>
        <TenderSubCode />
    </Tender>
    <TenderAmount>3.97</TenderAmount>
    <ChangeFlag value="yes" />
</TenderInfo>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TransactionTax>
        <TaxLevelID>1000056</TaxLevelID>
        <TaxableSalesAmount>14.98</TaxableSalesAmount>
        <TaxCollectedAmount>1.05</TaxCollectedAmount>
    </TransactionTax>
</TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>14.98</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>16.03</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>1.05</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>1.05</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
ItemTypeCode	This is set to 'LOTO'	6.3.5xxx

Sales with Credit Purchase

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
    <TransmissionHeader>
        <StoreLocationID>001</StoreLocationID>
        <VendorName>Radiant Systems</VendorName>
        <VendorModelVersion>RPOS Export: 6.3.1185</VendorModelVersion>
        <Extension>
            <radiant:StoreName>Business Unit Name</radiant:StoreName>
        </Extension>
    </TransmissionHeader>
    <JournalReport>
        <JournalHeader>
            <ReportSequenceNumber>1</ReportSequenceNumber>
            <PrimaryReportPeriod>2005-07-06</PrimaryReportPeriod>
            <SecondaryReportPeriod />
            <BeginDate>2005-07-06</BeginDate>
            <BeginTime>17:07:30</BeginTime>
            <EndDate>2005-07-06</EndDate>
            <EndTime>17:07:25</EndTime>
        </JournalHeader>
        <SaleEvent uuid="">
            <EventSequenceID>1</EventSequenceID>
            <TrainingModeFlag value="no" />
            <CashierID>1000000225</CashierID>
            <RegisterID>1</RegisterID>
            <TillID>1</TillID>
            <OutsideSalesFlag value="no" />
            <TransactionID>716</TransactionID>
            <EventStartDate>2005-07-06</EventStartDate>
            <EventStartTime>16:38:41</EventStartTime>
        </SaleEvent>
    </JournalReport>
</NAXML-POSJournal>

```

```

<EventEndDate>2005-07-06</EventEndDate>
<EventEndTime>16:38:51</EventEndTime>
<BusinessDate>2005-07-06</BusinessDate>
<ReceiptDate>2005-07-06</ReceiptDate>
<ReceiptTime>16:38:51</ReceiptTime>
<OfflineFlag value="no" />
<SuspendFlag value="no" />
<TransactionDetailGroup>
  <TransactionLine status="normal" approverID="">
    <ItemLine>
      <ItemCode>
        <POSCodeFormat format="upcA" />
        <POSCode>69</POSCode>
        <POSCodeModifier>0</POSCodeModifier>
      </ItemCode>
      <Description>PEP 20NR CHERRY PEPSI/20 OZ</Description>
      <EntryMethod method="scan" />
      <ActualSalesPrice>0.99</ActualSalesPrice>
      <MerchandiseCode>67</MerchandiseCode>
      <RegularSellPrice>0.99</RegularSellPrice>
      <SalesQuantity>1</SalesQuantity>
      <SalesAmount>0.99</SalesAmount>
      <ItemTypeCode />
      <SalesRestriction />
    </ItemLine>
  </TransactionLine>
  <TransactionLine status="normal" approverID="">
    <TenderInfo>
      <Tender>
        <TenderCode>1000151</TenderCode>
        <TenderSubCode />
      </Tender>
      <TenderAmount>1.06</TenderAmount>
      <ChangeFlag value="no" />
      <Authorization>
        <PreAuthorizationFlag value="no" />
        <RequestedAmount />
        <AuthorizationResponseCode />
        <AuthorizationResponseDescription />
        <ApprovalReferenceCode>RADS</ApprovalReferenceCode>
        <ReferenceNumber />
        <ProviderID />
        <AuthorizationDate />
        <AuthorizationTime />
        <HostAuthorizedFlag value="yes" />
        <AuthorizationApprovalDescription />
        <AuthorizingTerminalID />
        <ForceOnLineFlag value="no" />
        <ElectronicSignature />
        <AuthorizedChargeAmount />
      </Authorization>
    </TenderInfo>
    <AccountInfo>
      <AccountID>5291071247531740</AccountID>
      <AccountName>ROBIN HOOD#</AccountName>
      <AccountFirstName />
      <AccountMiddleName />
      <AccountLastName />
      < FleetChargeAccountInformation>
        <DriverID/>
        <VehicleID/>
        <OdometerReading/>
      < /FleetChargeAccountInformation>
    </AccountInfo>
    <CustomerID>
      <CashierBypassedFlag value="no" />
      <EntryMethod method="scan" />
    </CustomerID>
  </TransactionLine>
</TransactionDetailGroup>

```

```

        <PersonalID />
        <IDExpirationDate />
        <IDIssuingAuthority />
        <BirthDate />
    </CustomerID>
</TenderInfo>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TransactionTax>
        <TaxLevelID>1000056</TaxLevelID>
        <TaxableSalesAmount>0.99</TaxableSalesAmount>
        <TaxCollectedAmount>0.07</TaxCollectedAmount>
    </TransactionTax>
</TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>0.99</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>1.06</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0.07</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>0.07</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
Authorization	The main subtag of detail information containing additional authorization information. This immediately follows the <ChangeFlag> tag within the <Tender> tag section.	6.3.5xxx
PreAuthorizationFlag	Indicates that the transaction was pre-authorized with the credit card processing host. The attribute "value" will be set to either "yes" or "no".	6.3.5xxx
AuthorizationResponseCode	The value for which authorization has been requested. This can be a NULL value.	6.3.5xxx
AuthorizationReponseDescription	A description of the authorization response received. This can be a NULL value.	6.3.5xxx
ApprovalReferenceCode	The code given by the authorizing host. This is obtained from the "ApprovalCode" item within the detail record.	6.3.5xxx
ReferenceNumber	Audit identifier for a specific authorization action. This can be a NULL value. This can be	6.3.5xxx/6.6.C2

Element	Description	Version Supported
	the Epsilon Transaction number.	
ProviderID	Identifies the authorizing agency, bank, or clearinghouse. This can be a NULL value.	6.3.5xxx
AuthorizationDate	The date associated with the credit card authorization received from the processing host. This can be a NULL value.	6.3.5xxx
AuthorizationTime	The time associated with the credit card authorization received from the processing host. This can be a NULL value.	6.3.5xxx
HostAuthorizedFlag	Indicates whether the authorization has been done locally or by a host. The default is "yes" indicating host authorized. The attribute "value" will be set to either "yes" or "no".	6.3.5xxx
AuthorizationApprovalDescription	A description of the authorization approval. This can be a NULL value.	6.3.5xxx
AuthorizingTerminalID	The identification of the POS or Credit Card Authorizing terminal related to the specific authorization. This can be a NULL value.	6.3.5xxx
ForceOnLineFlag	Indicates that a manual authorization of the credit card authorization terminal was forced by the operator. The default is "no". The attribute "value" will be set to either "yes" or "no".	6.3.5xxx
ElectronicSignature	Used to give the electronic signature value where signature capture device is present for additional verification. This can be a NULL value.	6.3.5xxx
AuthorizedChargeAmount	The amount of charge authorized by the authorizing credit care host for the related tender. This can be a NULL value.	6.3.5xxx

Element	Description	Version Supported
FleetChargeAccountInformation	The main subtag of detail information containing Fleet Card information. This is a child element of the <Authorization> tag section.	6.6.C2
DriverID	The drivers ID number, this can be NULL.	6.6.C2
VehicleID	The Fleet number or Vehicle number, this can be NULL	6.6.C2
OdometerReading	The number of miles at the time of fueling, this can be NULL	6.6.C2

Element	Description	Version Supported
AccountInfo	The main subtag of detail information containing additional account information. This immediately follows the <Authorization> tag section.	6.3.5xxx
AccountID	The identification of the account related to the tender type. This typically is the credit card number used in detail transaction item.	6.3.5xxx
AccountName	The name of the account related to the tender type.	6.3.5xxx
AccountFirstName	First name of the account related to the tender type. This can be a NULL value.	6.3.5xxx
AccountMiddleName	The middle name of the account related to the tender type. This can be a NULL value.	6.3.5xxx
AccountLastName	The last name of the account related to the tender type. This can be a NULL value.	6.3.5xxx

Element	Description	Version Supported
CustomerID	The main subtag of detail information containing additional customer information. This immediately follows the <AccountInfo> tag section.	6.3.5xxx

Element	Description	Version Supported
CashierBypassedFlag	Indicates the cashier bypassed the electronic credit card authorization terminal and processed the credit card manually. The attribute of "value" is set to either "yes" or "no".	6.3.5xxx
EntryMethod	Delineates the method by which an item was identified for the purposes of the transaction (i.e. "scanned", "PLU", "manual entry", et cetera. This has an attribute of "method" and is typically set ot "scan".	6.3.5xxx
PersonalID	The identification number captured for identification, such as driver's license, social security, et cetera. This can be a NULL value.	6.3.5xxx
IDExpirationDate	The expiration date of the identification used to provide proper age verification or customer identification. This can be a NULL value.	6.3.5xxx
IDIssuingAuthority	The identification of the issuing agency. For example, the state for a driver's license. This can be a NULL value.	6.3.5xxx
BirthDate	The birth date of the customer purchasing the item or the birth date of the employee selling the item. This can be a NULL value.	6.3.5xxx

Fuel Sales, Post Payment

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1187</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-07</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-07</BeginDate>
      <BeginTime>13:40:32</BeginTime>
      <EndDate>2005-07-07</EndDate>
      <EndTime>13:40:28</EndTime>
    </JournalHeader>
  </JournalReport>
</NAXML-POSJournal>

```

```

<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no" />
  <CashierID>1000000225</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no" />
  <TransactionID>767</TransactionID>
  <EventStartDate>2005-07-07</EventStartDate>
  <EventStartTime>13:24:04</EventStartTime>
  <EventEndDate>2005-07-07</EventEndDate>
  <EventEndTime>13:24:24</EventEndTime>
  <BusinessDate>2005-07-07</BusinessDate>
  <ReceiptDate>2005-07-07</ReceiptDate>
  <ReceiptTime>13:24:24</ReceiptTime>
  <OfflineFlag value="no" />
  <SuspendFlag value="no" />
  <TransactionDetailGroup>
    <TransactionLine status="normal" approverID="">
      <FuelLine>
        <FuelGradeID />
        <FuelPositionID>2</FuelPositionID>
        <PriceTierCode>1</PriceTierCode>
        <TimeTierCode />
        <ServiceLevelCode>0</ServiceLevelCode>
        <Description>Regular Unleaded</Description>
        <EntryMethod method="scan" />
        <ActualSalesPrice>1.99</ActualSalesPrice>
        <MerchandiseCode>1001002</MerchandiseCode>
        <RegularSellPrice>1.99</RegularSellPrice>
        <SalesQuantity>14.457</SalesQuantity>
        <SalesAmount>28.77</SalesAmount>
      </FuelLine>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
      <TenderInfo>
        <Tender>
          <TenderCode>1000143</TenderCode>
          <TenderSubCode />
        </Tender>
        <TenderAmount>30.78</TenderAmount>
        <ChangeFlag value="no" />
      </TenderInfo>
      <TenderInfo>
        <Tender>
          <TenderCode>1000143</TenderCode>
          <TenderSubCode />
        </Tender>
        <TenderAmount>19.22</TenderAmount>
        <ChangeFlag value="yes" />
      </TenderInfo>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
      <TransactionTax>
        <TaxLevelID>1000056</TaxLevelID>
        <TaxableSalesAmount>28.77</TaxableSalesAmount>
        <TaxCollectedAmount>2.01</TaxCollectedAmount>
      </TransactionTax>
    </TransactionLine>
  </TransactionDetailGroup>
  <TransactionSummary>
    <TransactionTotalGrossAmount>28.77</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>30.78</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>2.01</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>2.01</TransactionTotalTaxNetAmount>
  </TransactionSummary>

```

```

    </SaleEvent>
  </JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
FuelLine	The main tag for the Fuel detail record. This tag immediately follows the <TransactionLine> tag.	6.3.5xxx
FuelGradeID	Is the FuelGradeID for the fuel grade of the detail record. This can be a NULL value.	6.3.5xxx
FuelPositionID	Represents the physical location where fuel is dispensed to one vehicle at a time. The Pump Number is used for this tag.	6.3.5xxx
PriceTierCode	A pointer to the Price Tier Table. The values indicate the type of pricing level by which the customer purchased or may purchase the fuel grade. This is typically used for cash/credit pricing. The value in the "Tier" position in the detail record is used for this tag value.	6.3.5xxx
TimeTierCode	A pointer to the Time Tier Table. The values indicate the type of time tier by which the customer purchased or may purchase a fuel grade. This is typically used for day segment pricing. This can be a NULL value.	6.3.5xxx
ServiceLevelCode	A code denoting the type of service by which the customer purchases the fuel grade. This is typically used for self/full service pricing. The value obtained from the "Modifier3ID" position in the detail record is used for this tag value.	6.3.5xxx
Description	Native language description of the transaction item.	6.3.5xxx
EntryMethod	Delineates the method by which an item was identified for the purposes of the transaction (i.e. "scanned", "PLU", "manual entry", et cetera. This has an attribute of "method" and is typically set ot "scan".	6.3.5xxx
ActualSalesPrice	The actual price at which an item/fuel grade was sold.	6.3.5xxx
MerchandiseCode	A pointer to the Merchandise Category Lookup Table. The Lowest	6.3.5xxx

Element	Description	Version Supported
	level of merchandise hierarchy. Typically is referred to as department or category. This may be taken from NACS Category Definitions and Numbering Guide. This typically holds the "SubCategory" value for the detail record of the transaction.	
RegularSellPrice	The non-promotional price of the fuel grade. It can be negative. It is the price at which the fuel item should normally be sold a modified by the provided qualifiers.	6.3.5xxx
SalesQuantity	The quantity sold of the fuel item, less refunds and voids.	6.3.5xxx
SalesAmount	The currency amount before tax of the fuel item sale, less refunds, promotions, discounts, and voids.	6.3.5xxx

Fuel Prepay with Change Due and Fuel Completion

This transaction file shows both transactions in one XML file. This also shows how a transaction file will look like should the <BatchSize> tag in the SiteServerConfig.xml file be set to something other than 1.

```

<?xml version="1.0" encoding="UTF-8" ?>
<NAXML-POSJournal version="3.3">
  <TransmissionHeader>
    <StoreLocationID>001</StoreLocationID>
    <VendorName>Radiant Systems</VendorName>
    <VendorModelVersion>RPOS Export: 6.3.1184</VendorModelVersion>
    <Extension>
      <radiant:StoreName>Business Unit Name</radiant:StoreName>
    </Extension>
  </TransmissionHeader>
  <JournalReport>
    <JournalHeader>
      <ReportSequenceNumber>1</ReportSequenceNumber>
      <PrimaryReportPeriod>2005-07-05</PrimaryReportPeriod>
      <SecondaryReportPeriod />
      <BeginDate>2005-07-05</BeginDate>
      <BeginTime>14:33:26</BeginTime>
      <EndDate>2005-07-05</EndDate>
      <EndTime>14:56:49</EndTime>
    </JournalHeader>
    <SaleEvent uuid="">
      <EventSequenceID>1</EventSequenceID>
      <TrainingModeFlag value="no" />
      <CashierID>1000000225</CashierID>
      <RegisterID>1</RegisterID>
      <TillID>1</TillID>
      <OutsideSalesFlag value="no" />
      <TransactionID>662</TransactionID>
      <EventStartDate>2005-07-05</EventStartDate>
    </SaleEvent>
  </JournalReport>
</NAXML-POSJournal>

```

```

<EventStartTime>14:53:20</EventStartTime>
<EventEndDate>2005-07-05</EventEndDate>
<EventEndTime>14:53:40</EventEndTime>
<BusinessDate>2005-07-05</BusinessDate>
<ReceiptDate>2005-07-05</ReceiptDate>
<ReceiptTime>14:53:40</ReceiptTime>
<OfflineFlag value="no" />
<SuspendFlag value="no" />
<TransactionDetailGroup>
  <TransactionLine status="normal" approverID="">
    <FuelPrepayLine>
      <FuelPositionID>1</FuelPositionID>
      <FuelGradeID />
      <Description>Prepay Fuel</Description>
      <ItemID>0</ItemID>
      <MerchandiseCode>1001015</MerchandiseCode>
      <SalesAmount>20</SalesAmount>
    </FuelPrepayLine>
  </TransactionLine>
  <TransactionLine status="normal" approverID="">
    <TenderInfo>
      <Tender>
        <TenderCode>1000143</TenderCode>
        <TenderSubCode />
      </Tender>
      <TenderAmount>50</TenderAmount>
      <ChangeFlag value="no" />
    </TenderInfo>
    <TenderInfo>
      <Tender>
        <TenderCode>1000143</TenderCode>
        <TenderSubCode />
      </Tender>
      <TenderAmount>30.00</TenderAmount>
      <ChangeFlag value="yes" />
    </TenderInfo>
  </TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
  <TransactionTotalGrossAmount>20</TransactionTotalGrossAmount>
  <TransactionTotalNetAmount>20</TransactionTotalNetAmount>
  <TransactionTotalTaxSalesAmount>0</TransactionTotalTaxSalesAmount>
  <TransactionTotalTaxNetAmount>0</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no" />
  <CashierID>1000000225</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no" />
  <TransactionID>663</TransactionID>
  <EventStartDate>2005-07-05</EventStartDate>
  <EventStartTime>14:54:40</EventStartTime>
  <EventEndDate>2005-07-05</EventEndDate>
  <EventEndTime>14:54:48</EventEndTime>
  <BusinessDate>2005-07-05</BusinessDate>
  <ReceiptDate>2005-07-05</ReceiptDate>
  <ReceiptTime>14:54:48</ReceiptTime>
  <OfflineFlag value="no" />
  <SuspendFlag value="no" />
  <TransactionDetailGroup>
    <TransactionLine status="normal" approverID="">
      <FuelPrepayLine>
        <FuelPositionID>1</FuelPositionID>

```

```

        <FuelGradeID />
        <Description>Prepay Fuel</Description>
        <ItemID>0</ItemID>
        <MerchandiseCode>1001015</MerchandiseCode>
        <SalesAmount>-20</SalesAmount>
    </FuelPrepayLine>
    <FuelLine>
        <FuelGradeID />
        <FuelPositionID>1</FuelPositionID>
        <PriceTierCode>1</PriceTierCode>
        <TimeTierCode />
        <ServiceLevelCode>0</ServiceLevelCode>
        <Description>Mid-Grade Unlead</Description>
        <EntryMethod method="scan" />
        <ActualSalesPrice>2.99</ActualSalesPrice>
        <MerchandiseCode>1001007</MerchandiseCode>
        <RegularSellPrice>2.99</RegularSellPrice>
        <SalesQuantity>6.687</SalesQuantity>
        <SalesAmount>19.99</SalesAmount>
    </FuelLine>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TenderInfo>
        <Tender>
            <TenderCode>1000143</TenderCode>
            <TenderSubCode />
        </Tender>
        <TenderAmount>1.39</TenderAmount>
        <ChangeFlag value="no" />
    </TenderInfo>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <TransactionTax>
        <TaxLevelID>56</TaxLevelID>
        <TaxableSalesAmount>19.99</TaxableSalesAmount>
        <TaxCollectedAmount>1.4</TaxCollectedAmount>
    </TransactionTax>
</TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>0.01</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>1.39</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>1.4</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>1.4</TransactionTotalTaxNetAmount>
</TransactionSummary>
</SaleEvent>
</JournalReport>
</NAXML-POSJournal>

```

Element	Description	Version Supported
FuelPrepayLine	The main tag for fuel prepay detail information. This tag should immediately come after an associated <TransactionLine> tag.	6.3.5xxx
FuelPositionID	Represent the physical location where fuel is dispensed to one vehicle at a time.	6.3.5xxx
FuelGradeID	This is the FuelGradeID for the fuel grade. This can be a NULL value.	6.3.5xxx

Element	Description	Version Supported
Description	Native language description of the fuel prepay item.	6.3.5xxx
ItemID	Item identifier. This is a retailer assigned number tha may be a SKU or a pricebook number but it is not a vendor number. It may group many POSCodes and does not need to be unique. If no identifier is available, a 0 may be used.	6.3.5xxx
MerchandiseCode	A pointer to the Merchandise Category Lookup Table. The Lowest level of merchandise hierarchy. Typically is referrend to as department or category. This may be taken from NACS Category Definitions and Numbering Guide. This typically holds the "SubCategory" value for the detail record of the transaction.	6.3.5xxx
SalesAmount	The amount of the prepay.	6.3.5xxx

Item sale with Loyalty Reward

This transaction file shows only the SaleEvent section for the sale of an item with a Loyalty reward applied to the purchase price. The <TransmissionHeader> and <JournalHeader> use the same format as previous examples so they are excluded.

```

<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no"/>
  <CashierID>4</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no"/>
  <TransactionID>1097</TransactionID>
  <EventStartDate>2007-10-01</EventStartDate>
  <EventStartTime>09:36:08</EventStartTime>
  <EventEndDate>2007-10-01</EventEndDate>
  <EventEndTime>09:36:16</EventEndTime>
  <BusinessDate>2007-09-23</BusinessDate>
  <ReceiptDate>2007-10-01</ReceiptDate>
  <ReceiptTime>09:36:16</ReceiptTime>
  <OfflineFlag value="no"/>
  <SuspendFlag value="no"/>
  <TransactionDetailGroup>
    <TransactionLine status="normal" approverID="">
      <ItemLine>
        <ItemCode>
          <POSCodeFormat format="upcA"/>
          <POSCode>099999999990</POSCode>
          <POSCodeModifier>1</POSCodeModifier>

```



```

        <InventoryItemID>9999999990</InventoryItemID>
    </ItemCode>
    <Description>Sale Item A</Description>
    <EntryMethod method="other"/>
    <ActualSalesPrice>1.04</ActualSalesPrice>
    <MerchandiseCode>666</MerchandiseCode>
    <SellingUnits>1</SellingUnits>
    <Discount>
        <DiscountAmount>0.05</DiscountAmount>
        <DiscountReason/>
    </Discount>
    <RegularSellPrice>0.99</RegularSellPrice>
    <SalesQuantity>1</SalesQuantity>
    <SalesAmount>0.99</SalesAmount>
    <ItemTypeCode/>
    <SalesRestriction/>
</ItemLine>
<Extension>
    <radiant:DetailLineNumber>1</radiant:DetailLineNumber>
    <radiant:HoseID>0</radiant:HoseID>
    <radiant:ItemLine>
        <radiant:External_Reference_Id/>
        <radiant:TaxItemizerMask>1
        </radiant:TaxItemizerMask>
    </radiant:ItemLine>
</Extension>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <ItemLine>
        <ItemCode>
            <POSCodeFormat format="none"/>
            <POSCode>0</POSCode>
            <POSCodeModifier>0</POSCodeModifier>
            <InventoryItemID>0</InventoryItemID>
        </ItemCode>
        <Description>Company Loyalty</Description>
        <EntryMethod method="other"/>
        <ActualSalesPrice>0</ActualSalesPrice>
        <MerchandiseCode>0</MerchandiseCode>
        <SellingUnits>1</SellingUnits>
        <Discount>
            <DiscountAmount>0</DiscountAmount>
            <DiscountReason/>
        </Discount>
        <RegularSellPrice>0</RegularSellPrice>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>0</SalesAmount>
        <ItemTypeCode>LYLT</ItemTypeCode>
        <SalesRestriction/>
    </ItemLine>
    <CustomerID>
        <CashierBypassedFlag value="no"/>
        <EntryMethod method="other"/>
        <PersonalID idType="loyaltyCard">1234567890</PersonalID>
        <IDExpirationDate>0001-01-01</IDExpirationDate>
        <IDIssuingAuthority/>
        <BirthDate>0001-01-01</BirthDate>
    </CustomerID>
    <Extension>
        <radiant:DetailLineNumber>2</radiant:DetailLineNumber>
        <radiant:HoseID>0</radiant:HoseID>
        <radiant:ItemLine>
            <radiant:External_Reference_Id/>
            <radiant:TaxItemizerMask>0
            </radiant:TaxItemizerMask>
        </radiant:ItemLine>
    </Extension>

```

```

        </Extension>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
        <DiscountLine>
            <Discount>
                <DiscountAmount>0.05</DiscountAmount>
                <DiscountReason>Loyalty Reward</DiscountReason>
            </Discount>
        </DiscountLine>
        <CustomerID>
            <CashierBypassedFlag value="no"/>
            <EntryMethod method="other"/>
            <PersonalID idType="loyaltyCard">1234567890</PersonalID>
            <IDExpirationDate>0001-01-01</IDExpirationDate>
            <IDIssuingAuthority/>
            <BirthDate>0001-01-01</BirthDate>
        </CustomerID>
        <PromotionTrigger>
            <PointsRedeemed>
                <RedeemedPointsTypeID>A</RedeemedPointsTypeID>
                <RedeemedPointsQuantity>2
                </RedeemedPointsQuantity>
            </PointsRedeemed>
            <CouponRedeemed>
                <RedeemedCouponID>0003333</RedeemedCouponID>
            </CouponRedeemed>
        </PromotionTrigger>
        <Extension>
            <radiant:DetailLineNumber>4</radiant:DetailLineNumber>
            <radiant:HoseID>0</radiant:HoseID>
            <radiant:Discount>
                <radiant:DiscountID type="DI">0003333
                </radiant:DiscountID>
                <radiant:TargetLineNumber>1
                </radiant:TargetLineNumber>
            </radiant:Discount>
            <radiant:LoyaltyExtension>
                <radiant:RewardRedeemed>
                    <radiant:LoyaltyRewardID>1
                    </radiant:LoyaltyRewardID>
                    <radiant:RewardProgramID>2
                    </radiant:RewardProgramID>
                </radiant:RewardRedeemed>
            </radiant:LoyaltyExtension>
        </Extension>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
        <TenderInfo>
            <Tender>
                <TenderCode>1</TenderCode>
                <TenderSubCode>1234</TenderSubCode>
            </Tender>
            <TenderAmount>0.96</TenderAmount>
            <ChangeFlag value="no"/>
        </TenderInfo>
        <Extension>
            <radiant:DetailLineNumber>7</radiant:DetailLineNumber>
            <radiant:HoseID>0</radiant:HoseID>
            <radiant:TenderInfo/>
        </Extension>
    </TransactionLine>
    <TransactionLine status="normal" approverID="">
        <TransactionTax>
            <TaxLevelID>1</TaxLevelID>
            <TaxableSalesAmount>0.99</TaxableSalesAmount>
            <TaxCollectedAmount>0.02</TaxCollectedAmount>

```

```

        </TransactionTax>
        <Extension>
            <radiant:DetailLineNumber>8</radiant:DetailLineNumber>
            <radiant:HoseID>0</radiant:HoseID>
        </Extension>
    </TransactionLine>
</TransactionDetailGroup>
<TransactionSummary>
    <TransactionTotalGrossAmount>0.99</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>0.96</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0.02</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>0.02</TransactionTotalTaxNetAmount>
    <Extension>
        <radiant:TransactionBarcode/>
    </Extension>
</TransactionSummary>
<Extension>
    <radiant:ShiftNumber>1</radiant:ShiftNumber>
    <radiant:SubTotal>0.94</radiant:SubTotal>
    <radiant:InvoiceType/>
    <radiant:InvoiceNumber>0</radiant:InvoiceNumber>
</Extension>
</SaleEvent>

```

Element	Description	Version Supported
CustomerID	The main tag for customer detail information.	6.6.C3
CashierBypassedFlag	Indicates the cashier bypassed the electronic card authorization terminal and processed the card manually	6.8.C1
EntryMethod	Delineates the method by which an item was identified for the purpose of the transaction.	6.8.C1
PersonalID	The Back Office identification number of the user.	6.7.C3
IDExpirationDate	Expiration date of the Loyalty Card, defaults to 0001-01-01 when unknown.	6.8.C1
IDIssuingAuthority	The identification of the issuing agency.	6.8.C1
BirthDate	The birth date of the user, defaults to 0001-01-01 when unknown.	6.8.C1
PromotionTrigger	The main tag for information on the Loyalty rewards for this transaction.	6.7.C3
PointsRedeemed	Holder tag for points information	6.7.C3
RedeemedPointsTypeID	The type of transaction that occurred. Current supported values are "A" for a Sales Transaction and "V" for a Void Transaction. Refunds are not currently supported for Loyalty transactions.	6.7.C3

Element	Description	Version Supported
RedeemedPointsQuantity	The actual number of Points that will be redeemed by this transaction.	6.7.C3
CouponRedeemed	Holder tag for coupon information	6.7.C3
RedeemedCouponID	This element should identify the discount to the Back Office System; this is the ID of the actual discount.	6.7.C3
radiant:LoyaltyExtension	The main tag for Loyalty Extension information	6.7.C3
radiant:RewardRedeemed	Holder tag for extension information on the loyalty reward	6.7.C3
radiant:LoyaltyRewardID	Represents the ID of the reward itself, which is not necessarily the same as the discount ID.	6.7.C3
radiant:RewardProgramID	Identifier for the Loyalty Program.	6.7.C3

Fuel Item sale with Loyalty Reward applied before purchase causing a Fuel Price Rollback

This transaction file shows only the SaleEvent section for the sale of a Fuel item with a Fuel Price Rollback applied from the Loyalty Reward. The <TransmissionHeader> and <JournalHeader> use the same format as previous examples so they are excluded.

```

<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no"/>
  <CashierID>9</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no"/>
  <TransactionID>323</TransactionID>
  <EventStartDate>2007-12-11</EventStartDate>
  <EventStartTime>14:18:11</EventStartTime>
  <EventEndDate>2007-12-11</EventEndDate>
  <EventEndTime>14:18:12</EventEndTime>
  <BusinessDate>2007-12-11</BusinessDate>
  <ReceiptDate>2007-12-11</ReceiptDate>
  <ReceiptTime>14:18:12</ReceiptTime>
  <OfflineFlag value="no"/>
  <SuspendFlag value="no"/>
  <TransactionDetailGroup>
    <TransactionLine status="normal" approverID="">
      <FuelLine>
        <FuelGradeID>50000064</FuelGradeID>
        <FuelPositionID>2</FuelPositionID>
        <PriceTierCode>1</PriceTierCode>
        <TimeTierCode/>
      </FuelLine>
    </TransactionLine>
  </TransactionDetailGroup>
</SaleEvent>

```

```

        <ServiceLevelCode>1</ServiceLevelCode>
        <Description>SSI Diesel</Description>
        <EntryMethod method="scan"/>
        <ActualSalesPrice>2.95</ActualSalesPrice>
        <MerchandiseCode>5000000028</MerchandiseCode>
        <RegularSellPrice>2.95</RegularSellPrice>
        <SalesQuantity>1.732</SalesQuantity>
        <SalesAmount>5.11</SalesAmount>
    </FuelLine>
    <Extension>
        <radiant:DetailLineNumber>1</radiant:DetailLineNumber>
        <radiant:HoseID>1</radiant:HoseID>
        <radiant:ItemLine>
            <radiant:External_Reference_Id/>
            <radiant:TaxItemizerMask>3
            </radiant:TaxItemizerMask>
        </radiant:ItemLine>
    </Extension>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <ItemLine>
        <ItemCode>
            <POSCodeFormat format="none"/>
            <POSCode>0</POSCode>
            <POSCodeModifier name="">0</POSCodeModifier>
            <InventoryItemID/>
        </ItemCode>
        <Description>Company Loyalty</Description>
        <EntryMethod method="other"/>
        <ActualSalesPrice>0</ActualSalesPrice>
        <MerchandiseCode>0</MerchandiseCode>
        <SellingUnits>1</SellingUnits>
        <Discount>
            <DiscountAmount>0</DiscountAmount>
            <DiscountReason/>
        </Discount>
        <RegularSellPrice>0</RegularSellPrice>
        <SalesQuantity>1</SalesQuantity>
        <SalesAmount>0</SalesAmount>
        <ItemTypeCode>LYLT</ItemTypeCode>
        <SalesRestriction/>
    </ItemLine>
    <CustomerID>
        <CashierBypassedFlag value="no"/>
        <EntryMethod method="other"/>
        <PersonalID idType="loyaltyCard">1234567890</PersonalID>
        <IDExpirationDate>0001-01-01</IDExpirationDate>
        <IDIssuingAuthority/>
        <BirthDate>0001-01-01</BirthDate>
    </CustomerID>
    <Extension>
        <radiant:DetailLineNumber>4</radiant:DetailLineNumber>
        <radiant:HoseID>0</radiant:HoseID>
        <radiant:ItemLine>
            <radiant:External_Reference_Id/>
            <radiant:TaxItemizerMask>0
            </radiant:TaxItemizerMask>
        </radiant:ItemLine>
    </Extension>
</TransactionLine>
<TransactionLine status="normal" approverID="">
    <DiscountLine>
        <Discount>
            <DiscountAmount>0.00</DiscountAmount>
            <DiscountReason>Loyalty Reward</DiscountReason>
        </Discount>
    </DiscountLine>

```

```

</DiscountLine>
<CustomerID>
  <CashierBypassedFlag value="no"/>
  <EntryMethod method="other"/>
  <PersonalID idType="loyaltyCard">1234567890</PersonalID>
  <IDExpirationDate>0001-01-01</IDExpirationDate>
  <IDIssuingAuthority/>
  <BirthDate>0001-01-01</BirthDate>
</CustomerID>
<PromotionTrigger>
  <PointsRedeemed>
    <RedeemedPointsTypeID>A</RedeemedPointsTypeID>
    <RedeemedPointsQuantity>2
    </RedeemedPointsQuantity>
  </PointsRedeemed>
  <CouponRedeemed>
    <RedeemedCouponID>0004444</RedeemedCouponID>
  </CouponRedeemed>
</PromotionTrigger>
<Extension>
  <radiant:DetailLineNumber>6</radiant:DetailLineNumber>
  <radiant:HoseID>0</radiant:HoseID>
  <radiant:Discount>
    <radiant:DiscountID type="DI">0004444
    </radiant:DiscountID>
    <radiant:TargetLineNumber>1
    </radiant:TargetLineNumber>
  </radiant:Discount>
  <radiant:LoyaltyExtension>
    <radiant:RewardRedeemed>
      <radiant:LoyaltyRewardID>4
      </radiant:LoyaltyRewardID>
      <radiant:RewardProgramID>1
      </radiant:RewardProgramID>
      <radiant:FuelPriceRollbackAmount>-0.33
      </radiant:FuelPriceRollbackAmount>
    </radiant:RewardRedeemed>
  </radiant:LoyaltyExtension>
</Extension>
</TransactionLine>
<TransactionLine status="normal" approverID="">
  <TenderInfo>
    <Tender>
      <TenderCode>1</TenderCode>
      <TenderSubCode>1</TenderSubCode>
    </Tender>
    <TenderAmount>5.11</TenderAmount>
    <ChangeFlag value="no"/>
  </TenderInfo>
  <Extension>
    <radiant:DetailLineNumber>9</radiant:DetailLineNumber>
    <radiant:HoseID>0</radiant:HoseID>
    <radiant:TenderInfo/>
  </Extension>
</TransactionLine>
<TransactionLine status="normal" approverID="">
  <TransactionTax>
    <TaxLevelID>1</TaxLevelID>
    <TaxableSalesAmount>5.11</TaxableSalesAmount>
    <TaxCollectedAmount>0.31</TaxCollectedAmount>
  </TransactionTax>
  <Extension>
    <radiant:DetailLineNumber>10</radiant:DetailLineNumber>
    <radiant:HoseID>0</radiant:HoseID>
  </Extension>
</TransactionLine>

```

```

    <TransactionLine status="normal" approverID="">
      <TransactionTax>
        <TaxLevelID>2</TaxLevelID>
        <TaxableSalesAmount>5.11</TaxableSalesAmount>
        <TaxCollectedAmount>0.36</TaxCollectedAmount>
      </TransactionTax>
      <Extension>
        <radiant:DetailLineNumber>11</radiant:DetailLineNumber>
        <radiant:HoseID>0</radiant:HoseID>
      </Extension>
    </TransactionLine>
  </TransactionDetailGroup>
  <TransactionSummary>
    <TransactionTotalGrossAmount>5.11</TransactionTotalGrossAmount>
    <TransactionTotalNetAmount>5.11</TransactionTotalNetAmount>
    <TransactionTotalTaxSalesAmount>0</TransactionTotalTaxSalesAmount>
    <TransactionTotalTaxNetAmount>0</TransactionTotalTaxNetAmount>
  </TransactionSummary>
  <Extension>
    <radiant:ShiftNumber>1</radiant:ShiftNumber>
    <radiant:SubTotal>5.11</radiant:SubTotal>
    <radiant:InvoiceType/>
    <radiant:InvoiceNumber>0</radiant:InvoiceNumber>
  </Extension>
</SaleEvent>

```

Element	Description	Version Supported
radiant:FuelPriceRollbackAmount	This element is only present if the loyalty discount is applied before fueling. The value in this element represents the price per gallon of the fuel price rollback applied to this transaction.	6.7.C3

Fuel Item sale with Loyalty Reward applied after purchase; no Fuel Price Rollback

This transaction file shows only the SaleEvent section for the sale of a Fuel item with the Loyalty Reward applied after the fuel has been dispensed. A discount is applied but not a Fuel Price Rollback. Notice that in this type of Loyalty transaction //DiscountLine/Discount/DiscountAmount contains the full amount of the is discount applied to this transaction and that the <radiant:FuelPriceRollbackAmount> element does not exist. The <TransmissionHeader> and <JournalHeader> use the same format as previous examples so they are excluded.

```

<SaleEvent uuid="">
  <EventSequenceID>1</EventSequenceID>
  <TrainingModeFlag value="no"/>
  <CashierID>1000001</CashierID>
  <RegisterID>1</RegisterID>
  <TillID>1</TillID>
  <OutsideSalesFlag value="no"/>
  <TransactionID>158</TransactionID>
  <EventStartDate>2007-12-05</EventStartDate>

```

```

<EventStartTime>14:48:55</EventStartTime>
<EventEndDate>2007-12-05</EventEndDate>
<EventEndTime>14:51:16</EventEndTime>
<BusinessDate>2007-12-04</BusinessDate>
<ReceiptDate>2007-12-05</ReceiptDate>
<ReceiptTime>14:51:16</ReceiptTime>
<OfflineFlag value="no"/>
<SuspendFlag value="no"/>
<TransactionDetailGroup>
  <TransactionLine status="normal" approverID="">
    <FuelLine>
      <FuelGradeID>1000768</FuelGradeID>
      <FuelPositionID>2</FuelPositionID>
      <PriceTierCode>1</PriceTierCode>
      <TimeTierCode/>
      <ServiceLevelCode>1</ServiceLevelCode>
      <Description>Unleaded (87)</Description>
      <EntryMethod method="scan"/>
      <ActualSalesPrice>2.839</ActualSalesPrice>
      <MerchandiseCode>1000183</MerchandiseCode>
      <RegularSellPrice>2.839</RegularSellPrice>
      <SalesQuantity>12.493</SalesQuantity>
      <SalesAmount>35.47</SalesAmount>
    </FuelLine>
    <Extension>
      <radiant:DetailLineNumber>1</radiant:DetailLineNumber>
      <radiant:HoseID>1</radiant:HoseID>
      <radiant:ItemLine>
        <radiant:External_Reference_Id/>
        <radiant:TaxItemizerMask>0
      </radiant:TaxItemizerMask>
      </radiant:ItemLine>
    </Extension>
  </TransactionLine>
  <TransactionLine status="normal" approverID="">
    <ItemLine>
      <ItemCode>
        <POSCodeFormat format="none"/>
        <POSCode>0</POSCode>
        <POSCodeModifier name="">0</POSCodeModifier>
        <InventoryItemID/>
      </ItemCode>
      <Description>Company Loyalty</Description>
      <EntryMethod method="other"/>
      <ActualSalesPrice>0</ActualSalesPrice>
      <MerchandiseCode>0</MerchandiseCode>
      <SellingUnits>1</SellingUnits>
      <Discount>
        <DiscountAmount>0</DiscountAmount>
        <DiscountReason/>
      </Discount>
      <RegularSellPrice>0</RegularSellPrice>
      <SalesQuantity>1</SalesQuantity>
      <SalesAmount>0</SalesAmount>
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