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Overview

The purpose of this document is to define the interface between handPoint Retail 5 and a back office system.

This document describes the files, their purpose and format from the point of view of handPoint Retail. Input files are therefore files that are downloaded to the units and read by handPoint Retail. Output files are files that are uploaded from the units and written by handPoint Retail.

The input files can be separated into three distinct categories; common, task specific and device specific files. The common files contain data that is to be distributed to all the units. Task specific files on the other hand contain data that is to be distributed only to those units assigned to the same task as they contain information only relevant to those units. Device specific files contain data that applies only to a specific unit for example unique identifiers. This separation is useful because it limits the amount of data that needs to be transferred to each device and also makes the structure more convenient and increases performance.

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1. Common Input Files

1.1 Barcode File

1.1.1. Description

This file contains a mapping between barcodes and itemIDs. Its secondary purpose is to provide data so that the correct sales mode can be selected when a particular barcode is scanned.

1.1.2. Filename

barcodes.txt

1.1.3. Fields

barcode	EAN barcode or alias of product
itemID	The item that barcode corresponds to
salesMode	An optional field that contains the sales mode that the product will be sold in. Product can be sold in multiple sales modes then the allowed salesModes can be seperatred by (in which case the mode to change to is the first section in case the current sales mode is not allowed)

Codes are:
INFLIGHT
BAR
PREORDER
SERVICE

1.1.4. Format

barcode;itemID;salesMode

1.1.5. Example

```
220101010123;10020;BAR  
220101010124;10020;BAR|INFLIGHT
```

1.2 Item Files

1.2.1. Description

These files contain information about products. Multiple product files will be needed because prices of items depend on the specified flight mode.

1.2.2. Filename

items-< FLIGHTMODE>.txt
Items-charter.txt
Items-route.txt

1.2.3. Fields

itemID	The ID of the item
description	A short description of the product (less than 20 chars)
barPrice	Price of item when sold in barmode
inFlightPrice	Price of item when sold in inFlight mode
preOrderPrice	Price of item when sold in preOrder mode
servicePrice	Price of item when sold as a service on board
itemCategory	The category of that the item belongs
vatCategory	The vat category that the item belongs to
warrantyCode	Tell how many months warranty for item (generate automatic warranty on receipt)
infoboxCode	Item have infobox –code (pop-up) Y/N
campaignFlag	If any price is a campaign Price no discounts can be given
color	Color=#rrggbb

1.2.4. Format

itemID;description;barPrice;inFlightPrice;preOrderPrice;otherPrice;itemCategory;vatCategoryID;warrantyCode;infoboxCode;campaignFlag;color

1.2.5. Example

```
22000014/A;TOBLERONE GOLD 400G;0.00;0.00;5.00;0.00;
220061;17;;;
22300003/A;SALMIAC BOX 250G;0.00;2.00;1.90;0.00;
220020;17;;;
10000014/V;RENAULT CARTE NOIRE 50CL;0.00;19.50;18.90;
0.00;100113;14;;;;
```

1.3 Load item file

1.3.1. Description

Contains the items that can be loaded onto the plane at a foreign airport

1.3.2. Filename

loadItems.txt

1.3.3. Fields

loadItemID	ID of the loaded Item
description	Item description including size if applicable
category	BEER, WINE or SOFT

1.3.4. Format

loadItemID; description; category

1.3.5. Examples

123456121;Beer 0.25 cl;BEER
123456122;Beer 0.30 cl;BEER
123456123;Beer 0.35 cl;BEER
123456124;Beer 0.40 cl;BEER
123456125;Beer 0.45 cl;BEER
123456126;Beer 0.50 cl;BEER
123456127;Beer 0.55 cl;BEER
123456221;Wine 0.25 cl;WINE
123456222;Wine 0.30 cl;WINE
123456223;Wine 0.35 cl;WINE
123456224;Wine 0.40 cl;WINE
123456225;Wine 0.45 cl;WINE
123456226;Wine 0.50 cl;WINE
123456227;Wine 0.55 cl;WINE
123456321;Soft 0.25 cl;SOFT
123456322;Soft 0.30 cl;SOFT
123456323;Soft 0.35 cl;SOFT
123456324;Soft 0.40 cl;SOFT
123456325;Soft 0.45 cl;SOFT
123456326;Soft 0.50 cl;SOFT
123456327;Soft 0.55 cl;SOFT

1.4 Load Barcode File**1.4.1. Description**

This file contains a mapping between barcodes and itemIDs for load items

1.4.2. Filename

loadBarcodes.txt

1.4.3. Fields

barcode	EAN barcode or alias of product
itemID	The item that barcode corresponds to

1.4.4. Format

barcode;itemID

1.4.5. Example

220101010123;10020

1.5 Tender file

1.5.1. Description

The tender table defines the tender types that can be accepted.

Cash can be accepted in multiple currencies. The exchange rate is used to convert the value of a foreign currency to the local one by using the exchange rate field of the foreign currency. The exchange rate field should contain the price in local currency you buy the foreign currency at. The local currency is treated no different from other currencies. Therefore the tender table should contain a record with information about the local currency most likely with parity as the exchange rate.

1.5.2. Filename

currency.txt

1.5.3. Fields

tenderID	The ID of the tender
tenderType	Either CARD,CASH,LOYALTY,VOUCHER, PREPAID
exchangeRate	The price in local currency you buy the tender at
name	A name of the currency mostly for display purposes
rounding	The quantum of the tender used for rounding
prefix	Prefix of credit cards number so the credit card type can automatically be decided when a card is read.
min	The minimum amount of tender accepted
max	The maximum amount of tender accepted
info	Additional information about the tender for display purposes only. Can be used for shown minimum acceptable bills, coins etc.etc.

1.5.4. Format

tenderID;tenderType;exchangeRate;name;rounding;prefix;min;max;info

1.5.5. Example

```

EUR;CASH;1;Euro;0.01;;-1000;1000;
USD;CASH;1.2;US Dollar;0.01;;0.01;1000;
GBP;CASH;1;British Pounds;0.01;;0.01;1000;
VOU;CASH;1;Voucher;0.01;;0.01;1000;
JPY;CASH;1;Yen;0.01;;0.01;1000;
SEK;CASH;1;Swedish krona;0.01;;0.01;1000;
DKK;CASH;1;Danish krona;0.01;;0.01;1000;
CHF;CASH;1;Swiss franc;0.01;;0.01;1000;
CAD;CASH;1;Canadian dollar;0.01;;0.01;1000;
CPY;CASH;1;CPY currency;0.01;;0.01;1000;
NOK;CASH;1;Norwegian krona;0.01;;0.01;1000
MTL;CASH;1;Malta lira;0.01;;0.01;1000;Only bills
SGD;CASH;1;Singapore dollar;0.01;;0.01;1000;

```

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```
AUD;CASH;1;Aussie dollar;0.01;;0.01;1000;  
HKD;CASH;1;Hong Kong dollar;0.01;;0.01;1000;  
LOY;CASH;1;Loyalty cards;0.01;;0.01;1000;  
CARD;CARD;1;Credit Card;0.01;;0.01;1000;  
LOYALTY;LOYALTY;1;Loyalty Card;0.01;110501;0.01;1000;  
VOUCHER;VOUCHER;1;Voucher;0.01;;0.00;1000;  
VOU;CASH;1;Voucher;0.01;;0.00;1000;
```

1.6 Loyalty file

1.6.1. Description

The loyalty table defines the loyalty types that can be accepted.

1.6.2. Filename

loyalty.txt

1.6.3. Fields

loyaltyID	The ID of the loyalty scheme
loyaltyType	LOYALTY or IDCHARGE
euDiscountRate	Discount given on eu flight
neuDiscount	Discount given on non EU flights
domesticDiscount	Discount given on domestic flights
name	A name of the currency mostly for display purposes
rounding	The quantum of the tender used for rounding
prefix	Prefix of loyalty cards type can automatically be decided when a card isswiped.

1.6.4. Format

```
loyaltyID; loyaltyType; euDiscountRate; neuDiscountRate; domesticDiscount  
;name;rounding;prefix
```

1.6.5. Example:

```
FPP;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}001  
FPG;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}002  
FPS;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}003  
FP;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}004  
JP;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}084  
FC;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}005  
FCV;LOYALTY;0.00;0.10;0.00;Loyalty  
Card;0.01;110501.{27}009  
IDCHARGE;IDCHARGE;0.00;0.10;0.00;ID Charge  
Card;0.01;2105
```

1.7 VAT File

1.7.1. Description

The VAT file contains information about the VAT rate to use when an item is sold. The reason this complex handling is needed is that:

- VAT rate depends on the departing airport
- If the destination or departure airport is outside EU than VAT rate is always zero
- If the departure airport and destination airport are in the same country (bar items must be sold with vat)

1.7.2. Filename

vat.txt

1.7.3. Fields

vatCategoryID	The id of the vat rate
countryID	The id of the departure country
rate	Percentage vat rate
description	A human readable VAT rate name
letter	A one letter VAT rate name (for receipts)

1.7.4. Format

vatCategoryID;countryID;rate;description;letter

1.7.5. Example

```
1;FIN;0.10;Standard rate;A
1;SWE;0.11;Standard rate;A
1;ESP;0.12;Standard rate;A
2;FIN;0.13;Standard rate;B
2;SWE;0.14;Standard rate;B
2;ESP;0.15;Standard rate;B
3;FIN;0.14;Standard rate;C
3;SWE;0.14;Reduced rate;C
3;ESP;0.14;Standard rate;C
4;FIN;0.15;Standard rate;D
4;SWE;0.16;Reduced rate;D
4;ESP;0.11;Standard rate;D
5;FIN;0.11;Standard rate;E
5;SWE;0.11;Reduced rate;E
5;ESP;0.20;Standard rate;E
6;FIN;0.20;Standard rate;F
6;SWE;0.10;Reduced rate;F
6;ESP;0.10;Standard rate;F
```

1.8 ReasonCode File

1.8.1. Description

This file contains a mapping between internal reasoncodes and LS Retail reasoncode

1.8.2. Filename

reasoncodes.txt

1.8.3. Fields

reasonCodeID	Internal reasoncodeID
reasonCodeBOS	Reasoncode written to output files
description	Userfriendly code
comment	Comment when the code is set

1.8.4. Format

reasonCodeID ; reasonCodeBOS; description; comment

1.8.5. Example

NewPrice;R1;New item price;Code set on items if operatot gives item a new price
FaultyItemDiscount;R2;Faulty item discount;Code set on items if operatot gives item a new price
MissingPreorderItem;R3;Missing preorder item;Code is set when item is register missing in a preorder

1.9 Destination File

1.9.1. Description

Contains a record for each destination that is possible to fly to. This file is used to create flight information when flight information is wrong or is missing

1.9.2. Filename

destinations.txt

1.9.3. Fields

airPortID	ID of the airport
countryID	the country ID for VAT purposes
airportName	name of the airport
taxFreeCode	Leg is VAT free or not free (Codes EU and NEU).

1.9.4. Format

airPortID;countryID;airportName;taxFreeCode

1.9.5. Example

ARN;SWE;Arlanda;EU
HEL;FIN;Helsinki;EU
MAD;ESP;Madrid;EU
JFK;USA;Madrid;NEU

1.10 Flight number File

1.10.1. Description

This file is used to find the legs from a flight number when the operator enters the flight number to create flight if device is loaded with incorrect data

1.10.2. Filename

Flights.txt

1.10.3. Fields

flightNumber

The flight number

legRecord1	The leg record of the first leg
legRecord2	The leg record of the second leg
legRecord 3	The leg record of the second leg
...	
legRecord 9	The leg record of the 9 th leg

Where leg record consits of separated by ,

legID	The ID of the leg
departureAirPortID	Departure airport ID
destinationAirportID	Destination airport ID
flightType	The flight type
legDescription	The description of the leg

1.10.4. Format

flightNumber; legRecord1; legRecord2; legRecord3; legRecord4; legRecord5;
legRecord6; legRecord7; legRecord8; legRecord9

1.10.5. Example

```
AY891;HEL-ARN,HEL,ARN,1A,HEL-
ARN;ARN;MAD,ARN,MAD,2A,ARN-MAD;MAD-
ARN,MAD,ARN,2A,MAD-ARN;ARN-HEL,ARN,HEL,2A,ARN-HEL
```

1.11 Flight Type File

1.11.1. Description

Contains all flight types. This file is used to create flight information when flight information is wrong or is missing

1.11.2. Filename

flighttypes.txt

1.11.3. Fields

flightTypeID ID for the flight type
flightTypeDescription Description of the flight type

1.11.4. Format

flightTypeID;flightTypeDescription

1.11.5. Example

1A;Scheduled flight
2A;Charter flight

1.12 Button files**1.12.1. Description**

Button files define what happens when a button is tapped. A number of button files will be needed. See other POS document for definition of responseIDs

1.12.2. Filename

Inflight.txt
DynamicPayButtonFile.txt
Jobs.txt
...
Submenu button files

1.12.3. Fields

responseID The type of handling in response to button click
caption The button caption
format The formatting to use
value1 Value that is passed to the handler
value2 Value that is passed to the handler
value3 Value that is passed to the handler

1.12.4. Format

responseID;caption;format;value1;value2;Value3

1.12.5. Example

```
OrderProduct;Margherita;Color=YELLOW;1  
OrderProduct;Capricciosa;Color=YELLOW;3  
OrderProduct;Capricciosa;Color=YELLOW|ColSpan=2;3  
OrderProduct;Capricciosa;Color=YELLOW|RowSpan=3;3  
DeleteProduct;Void;Color=BLUE|Enable=order;  
ShowButtons;Other;Color=BLUE|Enable=noorder;Other.txt  
CancelOrder;Exit;Color=BLUE|Enable=noorder;  
PayOrder;Pay;Color=GREEN|Enable=order;TotalPrice
```

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```

InsertPayment;10;Color=YELLOW;DKR;10
ShowCashCalculator;EUR;Color=BLUE;EUR
ShowCashCalculator;Cash;Color=BLUE;DKR
ShowCardCalculator;Card;Color=BLUE;DKR
ShowButtons;Foreign
Change;Color=BLUE|Enable=paid;ForeignChange.txt

```

2. Task specific Input Files

2.1 PreOrder Manifest File

2.1.1. Description

Contains a list of all the preorders that the flight contains

2.1.2. Filename

preorderTransactions.txt

2.1.3. Fields

preOrderID	ID of the preorder (999+7 digits)
passengerName	Name of passenger
passengerSeat	Seat of the passenger
status	Status of the preorder
totalPrice	Totalprice of the order
legInfo	Leg information

2.1.4. Format

preOrderID; passengerName; passengerSeat; status; totalPrice;legInfo

2.1.5. Example

```

9995434105;PIRHONEN/JARMOMR;02D;;92.90;VAR-HEL
9995434106;KORPINEN/MARIMRS;10E;prepaid;50.90;VAR-HEL

```

2.2 PreOrder files

2.2.1. Description

These files contain the items in the preorder. One file for each preorder

2.2.2. Filename

Name is given by the id field from the PreOrder Manifest File
 Example 9995434108.txt

2.2.3. Fields

Same as POS Output:

productID	The product ID of the sold product
qty	Quantity sold

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description	Short description of the product
unitPrice	Price of single item sold (with VAT)
totalPrice	The total price (with VAT)
discount	The total discounts given to a line (with VAT)
vatID	The Vat category of the product
vatRate	The vat percentage
vatValue	Vat calculated on the line
reasonCode	The reason code applied to a line (code indicates new price or faulty discount)
salesMode	Salesmode code can be INFLIGHT, SERVICE, BAR or PREORDER
PriceReasonCodeID	ReasonCode for price changes
PreOrderID	The id of the preorder or blank if not preorder item
PreOrderReasonCodeID	Resoncode for the preorder
InfoboxFile	Filename of the info file
CampaignFlag	Set if price is a campaign price
WarrantyMonths	Number of warrenty months
UUID	Set if a line is marked
Color	Layout information (color etc)

2.2.4. Format

Same as POS Output

2.2.5. Example

```
38500020-000;1.00;KANEBO MASCARA 38
BLACK;15.00;15.00;0;10;;0;;PREORDER;;9995434108;;;;;
```

2.3 Flight Info

2.3.1. Description

This file contains a information about the data that is loaded on the device. The first line contains parameters of the flight. Following lines contain leg information

2.3.2. Filename

flightinfo.txt

2.3.3. Fields

flightNumber	The number of the flight (In reality the flight number of the first leg)
startDate	The scheduled date of takeoff from first destination
loadOrderNumber	The key to use for reporting data in stock handling

2.3.4. Format

flightNumber;startDate;loadOrderNumber

2.3.5. Example

```
AY 1869;2006-10-21;2320530;
```

2.4 Inventory File

This file contains a list of the item known to be loaded into the plane at beginning of flight. It's the stock at the beginning of the flight

2.4.1. File name

Inventory.txt

2.4.2. Fields

itemID	Item ID
description	Item name
qty	Qty of the item
tray	The tray where the item is found

2.4.3. format

itemID;description;qty;tray

2.4.4. Example

```
10000013/V;Renault;Carte;Noire;40%;3;125.00;tray
11200015/V;Grant's;Whisky;pet;43%;5c;40.00;tray
12000004/V;Finlandia;Vodka;pet;40%;5;40.00;tray
```

3. Output files

3.1 POS Output

3.1.1. Description

Contains the POS transactions from the flight. The output is structured so that it is easy to understand and parse.

Each committed order is written to the output file. This generates an ORDER structure. The output file format has been implemented in such a way that all active POS subsystems generate a section inside the ORDER structure with the section separated and defined by more or less self-explanatory header/footer lines.

The output can contain the following sections:

PRODUCTS – Contains the items in the basket

PAYMENTS – Contains the payment that were accepted and the change given

PREORDERS – Contains the preorders that were processed

DISCOUNTS – Contains information about the discounts applied to the order

VAT – Contains the VAT information generated

REASONCODES – Contains the reasoncode that were applied to individual items in the basket

TRANSFERS – Contains a section with item transfer information

LOYALTY – Contains a section with loyalty information

3.1.2. Filename

POS.txt

3.1.3. Header Fields

orderID	orderno
deviceID	The ID of the device
status	The status of the order
dateTime	The date and time the order is committed
employeeID	The ID of the employee
flightNumber	The flight number of takeoff flight
takeOffDate	The date at takeoff
loadOrderNumber	The ID of the load
legID	The ID of the leg

3.1.4. Header Example

```
579;0012;Committed;2007-04-04T12:56:07;22222;AY 0465;2007-03-19;2344207;HEL-IVL
581;0012;Void;2007-04-04T14:04:50;33333;AY 0465;2007-03-19;2344207;IVL-HEL
```

3.1.5. Product Fields

productID	The product ID of the sold product
qty	Quantity sold
description	Short description of the product
unitPrice	Price of single item sold (with VAT)
totalPrice	The total price (with VAT)
discount	The total discounts given to a line (with VAT)
vatID	The Vat category of the product
vatRate	The vat percentage
vatValue	Vat calculated on the line
reasonCode	The reason code applied to a line (code indicates new price or faulty discount)
salesMode	Salesmode code can be INFLIGHT, SERVICE, BAR or PREORDER
PriceReasonCodeID	ReasonCode for price changes
PreOrderID	The id of the preorder or blank if not preorder item
PreOrderReasonCodeID	Resoncode for the preorder
InfoboxFile	Filename of the info file
CampaignFlag	Set if price is a campaign price
WarrantyMonths	Number of warrenty months
UUID	Set if a line is marked
Color	Layout information (color etc)

3.1.6. Product Example

Item sold in inflight mode

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```
25000020/V;1;MARLBORO RED
200PCS;21.00;21.00;;12;0.2200;3.79;;INFLIGHT;;;;;;
```

Item sold in bar mode

```
1078;1;Wine;3.50;3.50;;6;0.20;0.58;;BAR;;;;;;
```

Item sold in preorder mode

```
1078;1;Wine;3.50;3.50;;6;0.20;0.58;;PREORDER;;;;;;
```

Item sold in preorder mode on wrong flight (unknown preorder)

```
9;2;1.99;3.98;;B;0.18;0.72;;PREORDER;9991234567;R6;;;
;;;
```

Item sold in preorder mode on wrong leg

```
030;1;030
desc;13.9;13.90;0;10;0.00;0.00;;PREORDER;;9995382224;
R7;;;
```

Item sold in inflight mode and operator gives item a new price

```
1058;1;Fazer
Fazermint;5.00;5.00;;1;0.10;0.45;;INFLIGHT;R1;;;;;;
```

Item sold in inflight mode and operator gives gives item a faulty item discount

```
1075;1;RitMeester
Livarde;5.50;4.95;0.55;6;0.20;0.83;R2;INFLIGHT;;;;;;
{602108B0-7493-01C2-840F-549FE9702A23};
```

3.1.7. Payments Fields

value	The value of the payment
tender	The name of the tender i.e. USD, EUR or VISA
tenderType	The type of tender can be PREPAID, CASH, CHEQUE or CARD, VOUCHER
exchangeRate	The exchange rate
tenderAmount	The amount in the accepted currency.
data	Extra data i.e. credit card number when the TenderType is CARD
transactionID	EFT transactionID
tenderName	Name of the tender
isVoidable	true if POS can void payment
state	2 means success

3.1.8. Payments Example

```
21.00;EUR;CASH;1;21;;;Euro>true;2
```

And when tender type is card:

```
19.50;CARD;CARD;1;19.5;4920519965639956=0607;23442070012580\164;
OP pankkikortti / OP pankkikortti|Debit card>true;2
```

3.1.9. Discounts Fields

discountID	Discount identifier
value	The value of the discount
discountType	The type of the discount
data	Extra data about the discount itemID and Qty

3.1.10. Discounts Example

D1;0.55;PercentageDiscount;(ItemID=1075|Qty=1)

3.1.11. VAT Fields

VatID	The ID of the VAT
rate	vat percentage applied
value	The value of the VAT
total	The Total value of items in the vatID category
net	The Total-Value

3.1.12. VAT Example

16;0.10;1.00;10.00;9.00

3.1.13. PreOrder Fields

CustomerOrderNum	Bag number (3 digits prefix + 7 digits bag number)
PassangerName	Name of passanger
PassangerSeat	The seat of the passanger
PreorderStatus	DELIVERED or VOID
PreOrderTotal	TotalPrice of all items that have the CustomerOrderNum
PreOrderReasonCode	ReasonCode of the preorder
legInformatio	Leg information

3.1.14. PreOrder Example

PreOrder delivered on correct leg

9995382225;LAHTI/LAILAMRS;10C;DELIVERED;66.10;TFS-HEL

An unknown preorder is delivered

9995382225;LAHTI/LAILAMRS;10C;
DELIVERED;66.10;R6;TFS-HEL

Preorder is delivered on incorrect leg

9995382225;LAHTI/LAILAMRS;10C;
DELIVERED;66.10;R7;TFS-HEL

Preorder is voided

9995492273;SODERBLOM/MATTI;39A;Void;254.70;TFS-HEL

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3.1.15. ReasonCodes Fields

ReasonCode	The reason code
ItemID	ItemID
Qty	Qty
SalesMode	The salesmode of the item

3.1.16. ReasonCodes Example

Item sold in inflight mode and operator gives
gives item a new price

Item sold in inflight mode and operator gives
gives item a faulty item discount
R2;1047;1;INFLIGHT

Item is registered missing in a preorder
R3;1047;1;PREORDER

Item is registered faulty in a preorder
R4;1047;1;PREORDER

Item is registered returned in a preorder
R5;1047;1;PREORDER

Item sold in preorder mode and operator gives item a new price
R1;1047;1;PREORDER

Item sold in inflight mode and operator gives item a faulty item discount
R2;1047;1;PREORDER

Item sold in bar mode and operator gives item a new price
R1;1047;1;BAR

3.1.17. Transfer Fields

itemID	ID of the original item
qty	The count of items
loadOrderNumber	ID of the loadOrder
reasonCode	The reason code
from	From location
to	To location

3.1.18. Transfer Example

Inflight item is substituted for a preorder item that is missing
1047;1;1002LOAD1;R3;INFLIGHT;PREORDER;

Inflight item is substituted for a preorder item that is faulty

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1047;1;1002LOAD1;R4;INFLIGHT;PREORDER;

Inflight item is substituted for a preorder item that is returned

1047;1;1002LOAD1;R5;INFLIGHT;PREORDER;

3.1.19. Format

#BEGIN ORDER

orderID;date;emmployeeID;flightNumber;takeOffDate;loadOrderNumber;legID

#BEGIN PAYMENTS

value;tenderID;tenderType;exchangeRate;tenderAmount;data

...

#END PAYMENTS

#BEGIN PRODUCTS

productID;qty;unitPrice;totalPrice;discount;vatID;vatRate;vatValue;reasonCode
;salesMode;preOrderID;preOrderReasonCode;reserved

...

#END PRODUCTS

#BEGIN DISCOUNTS

value; discountName;discountType; itemIDs;data

...

#END DISCOUNTS

#BEGIN VAT

VatID;rate;Value;total;net

...

#END VAT

#BEGIN PREORDER

CustomerOrderNum;PassangerName;PassangerSeat;PreorderStatus;PreOrderTo
tal;PreOrderReasonCode

#END PREORDER

#BEGIN REASONCODES

ReasonCode;ItemID;qty; SalesMode

...

#END REASONCODES

#BEGIN TRANSFERS

itemID;qty; loadOrderNumber; reasonCode;from;to

#END TRANSFERS

#END ORDER

3.2 Inventory Adjustments

3.2.1. Description

Contains information of stock adjustments that were registered during the flight

3.2.2. Filename

InventoryAdjusments.txt

3.2.3. Fields

itemID	ID of the item
qty	The count of items
description	Item description
loadOrderNumber	ID of the loadOrder
reasonCode	The reason code
FromSalesMode	The salesMode
ToSalesMode	The salesMode

3.2.4. Format

ItemID;qty;description;loadOrderNumber;reasonCode;
FromSalesMode;ToSalesMode

3.2.5. Example

An inflight item is registered broken

30700056/A;1;KENZO MINIATURES;2343590;R8;INFLIGHT;

An inflight item is registered missing

30700056/A;1;KENZO MINIATURES;2343590;R9;INFLIGHT

An inflight item is registered as given away

30700056/A;1;KENZO MINIATURES;2343590;R10;INFLIGHT

A bar item is registered broken

10000011/V;1;RENAULT CARTE NOIRE 100CL;2343590;R8;BAR

An bar item is registered missing

10000011/V;1;RENAULT CARTE NOIRE 100CL;2343590;R9;BAR

An bar item is registered as given away

10000011/V;1;RENAULT CARTE NOIRE 100CL;2343590;R10;BAR

A free bar item is registered broken

10000011/V;1;RENAULT CARTE NOIRE 100CL;2343590;R8;FREEBAR

A free bar item is registered missing

10000011/V;1;RENAULT CARTE NOIRE 100CL;2343590;R9;FREEBAR

Transfer of an inflight item to bar

10000011/V;1;RENAULT CARTE NOIRE 100CL;2343590;R11;INFLIGHT;BAR

Transfer of an inflight item to free bar

10000011/V;1;RENAULT CARTE NOIRE
100CL;2343590;R11;INFLIGHT;FREEBAR

3.3 Loaded items**3.3.1. Description**

Contains the items loaded at an airport

3.3.2. Filename

InventoryLoad.txt

3.3.3. Fields

itemID	ID of the item
qty	The count of items
description	Item description
loadOrderNumber	ID of the loadOrder
reasonCode	The reason code
from	From location the airportID
to	To location

3.3.4. Format

ItemID;qty;itemDescription;loadOrderNumber;reasonCode;from;to

3.3.5. Example

Load of an bar item from a the leg TFS-HEL (loaded at TFS airport)

```
18050000/T;20;LISĂ,,OSTO OLUT 4,5% 33CL;2343590;R12;TFS;BAR
```

Load of an free bar item from a the leg TFS-HEL (loaded at TFS airport)

```
15500004/T;15;LISĂ,,OSTO WHITE WINE 18,75;2343590;R12;TFS;FREEBAR
```

4. Reasoncodes

R1	NewPrice	Code set on items if operatot gives item a new price
R2	Faulty item discount	Code set on items if operatot gives item a new price
R3	Missing item	Code is set when item is register missing in a preorder
R4	Faulty item	Code is set when item is register faulty in a preorder
R5	Returned item	Code is set when item is register returned in a preorder
R6	Unknown preorder	Code is set when preorder is unknown
R7	Wrong preorder leg	Code is set when preorder delivered on wrong leg
R8	Broken Item	Code is set when item is regitered broken
R9	Missing Item	Code is set when item is regitered missing
R10	Gift	Code is set when item is given away for free
R11	Transfer	Code is set when item is transferred between departments
R12	Load	Items loaded at foreign airport
R13	Compensation	Code is set when item is compensated away for free
R14	Invoice	Code is set when item is invoiced
R15	PreorderReplace	Code is set when item is replaced in preorder