

Department of Excise, Entertainment and Luxury Tax





USER MANUAL Supply Chain Management

Volume - I





Department of Excise, Entertainment and Luxury Tax

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About This Manual

Purpose

This manual helps you understand and use the ESCIMS-SCM application module. It presents the functional capabilities and operational details of the Supply Chain Management (SCM) module and details the procedures for performing your business tasks with the application.

The tasks for database maintenance have not been covered in this manual.

Intended Audience

This manual is primarily intended for users at the Distillery, BWh, Hotel, Club and Restaurants.

Prerequisites for Use

The prerequisites for understanding this manual are as follows:

- Functional Basic understanding of operation of liquor manufacturing and distribution process
- **Technical** Basic understanding of computers and the Hand Held Terminal (HHT) device is required. You must also be familiar with the data entry operations.

Organisation of the Manual

The information in this manual is organised as follows:

Chapter	Description
Introduction	It provides an overview of the ESCIMS application. It also details the hardware and software requirements, and its interfaces with other systems.
Getting Started It takes you on a quick tour of ESCIMS application. It gives a brief intro about the general working features of the application that you should mind while working.	
Section of FAQs	
Dispatch & Receive Supplies Against Import Permit It provides the description of steps followed in the supply chain for the consignments dispatched from Distillery and received at BWh against an Import permit.	
Handle Breakage	It provides the description of the steps to be taken to handle the breakage done in transit and at BWh
Dispatch Against Transport Permit at BWh	It provides the description of the steps taken at BWh for the dispatch of consignment from the BWh for the pint of sale against Transport permit
Other Processes in Supply Chain	It provides the description of the steps taken against the other processes of supply chain
Receive Details and Upload Sales Details at HCR	It provides the detailed description of steps taken at HCR to receive the consignment and to issue the consignment from store to the counter
Operating Environment	This section gives details of the operating environment used in ESCIMS
Feedback and Suggestion	This section gives the details of the contact details for feedback and suggestion

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List of Abbreviations

Abbreviation/ Acronym	Expansion	
1D Barcode	One Dimensional Barcode	
2D Barcode	Two Dimensional Barcode	
BWh	Bonded Ware House	
CPU	Central Processing Unit	
ESCIMS	Excise Supply Chain Information Management System	
GPRS	General Packet Radio Service	
ННТ	Hand Held Terminal	
IP	Import Permit	
LCD	Liquid Crystal Display	
POS	Point of Sale	
SCM	Supply Chain Management	
SKU	Stock Keeping Unit	
SSCC	Serial Shipment Container Code	
TP	Transport Permit	
USB	Universal Serial Bus	

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FAQs

1. What is the HHT?

The HHT is the Hand Held Terminal used to scan cases and bottles and then transfer the data to the computer.

2. How to use the HHT?

HHT is a battery operated device. You can start using the HHT by switching on the power button and then use the application for scanning and data transfer.

3. How do I login to the HHT?

You need to create a user ID first, and then login to the HHT by entering your user ID and password.

4. How do I transfer the data from the HHT to the computer?

Data can be transferred to the computer by using **Submit,** when the HHT prompts you to do so.

5. What if the data is not being transferred from the HHT to the computer?

Check your Wi-Fi connection. Ensure you are within the range of an enabled Wi-Fi to transfer the data. If the HHT is connected to a computer via a cable, ensure that the cables are well connected to the PoS terminal.

6. How do I log in to my computer?

You can login to the computer using a valid username and password, provided to you by the vend in-charge.

7. How do I cancel/undo a task?

You can cancel a task on the HHT using the **F2** key. Please note that all data will be erased from the HHT once you cancel a task.

8. Can I leave an incomplete task on the HHT?

No you should not leave the HHT without completing the entire task. Only data transfer can happen later, if required.

9. Will my data be saved in the HHT if I quit a task before completing it?

No, the data will not be saved.

10. My HHT battery has gone out while before completing a task. Will the data be saved?

No, the data will not be saved.

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Know Your Hand Held Terminal

The HHT is a barcode scanning device used at Vends, BWh at other place

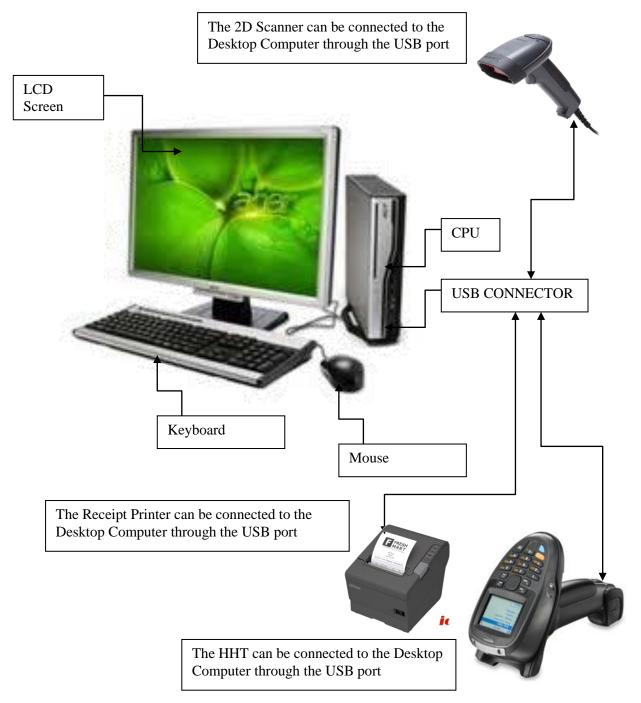


Product	MOTOROLA MT 2090
Service Contact No.	999999999
Customer Care No.	999999999

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Know Your Desktop Computer

The desktop is used as a medium to connect to the ESCIMS application and the HHT.



Product	ACER Desktop
Service Contact No.	999999999
Customer Care No.	999999999

INTRODUCTION

1 Introduction to ESCIMS

Excise Supply Chain Information Management System (ESCIMS) is a simple internet based application between Department of Excise, Entertainment and Luxury Tax (Delhi Excise) and its stakeholders including Distilleries, Bonded Ware Houses (BWh), Corporation and Private Vends, Canteen Store Depots, Hotels, Clubs and Restaurants (HCR).

Figure 1 and figure 2 illustrate the Department's ecosystem; and the high level data flow process, respectively



Figure 1:ESCIMS Ecosystem

The information will flow to and fro from ESCIMS server to the local desktop, and then to the HHT. The following is a graphical representation:

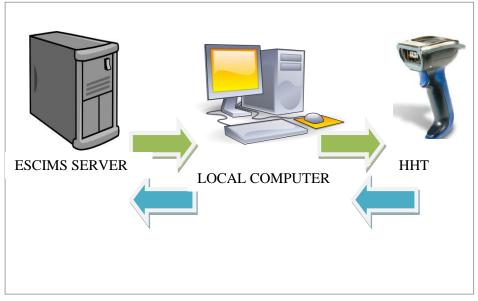


Figure 2: Information Flow at ESCIMS

The application has been developed as a part of the Department's ecosystem to automate the supply distribution, ease out operations, ensure transparency and control the supply chain management of liquor distribution. The application allows real time monitoring of the distribution of liquoriseminimising adulteration and preventingthe sale of illicit liquor.

1.1About ESCIMS - SCM

The ESCIMS-Supply Chain Management (SCM) Module covers the functions performed by the external stakeholders of Delhi Excise. This includes the dispatchingliquor from the Distillery to the BWh, handling intransit and BWhbreakage, and dispatching liquor from BWh to the Hotel / Club/ Restaurants.

1.2Activities of ESCIMS-SCM

The supply chain activities are available as the following options in the application:

- Receive stock and Issue to the Counter
 - o Generate Barcode Sequence Numbers
 - Dispatch Supplies against Import Permit
 - Receive Supplies at BWh
- Handle Breakage
 - Handle Breakage In-transit
 - o Handle Breakage at BWh
 - Pay Breakage Duty (BWh)
- Dispatch against Transport Permit at BWh
- Receive Details and Upload Sales Data at HCR
- Other Processes in Supply Chain
 - Stock Ageing Analysis at BWh
 - o Track through GPRS
 - Track and Trace through ESCIMS
 - View Inventory
 - View Registers

1.3 User Roles

The User Roles of SCM Moduleare as follows:

- Distillery User
- BWh User
- Excise Inspector
- Hotel / Club / Restaurant User
- Superintendent ILFL
- Assistant Commissioner Permits
- Deputy Commissioner Excise

GETTING STARTED

Logging in to ESCIMS/HHT

2 Getting Started

This chapter deals withlogging in to the application and accessing the basic functionality of the HHT.

2.1 Log In to the Application

This chapter deals withlogging in to the application and accessing the basic functionality of the HHT.

Access to the ESCIMS application is limited to authorised users. Hence, you must log in to ESCIMS-using your user ID and password.

2.1.1 Create a User ID

The user ID is created by the administrator of the ESCIMS application. The user ID and default password are provided to you. You need to change the password after you log in for the first time.

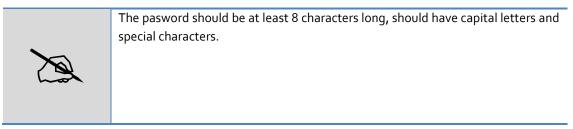
2.1.2 Change Password

To change the password:

1. Click Password Managemnet on the Login screen. The Change Password screen apperas



- 2. Enter the old and the new passwords.
- 3. Click **Change Password**. The password is changed.



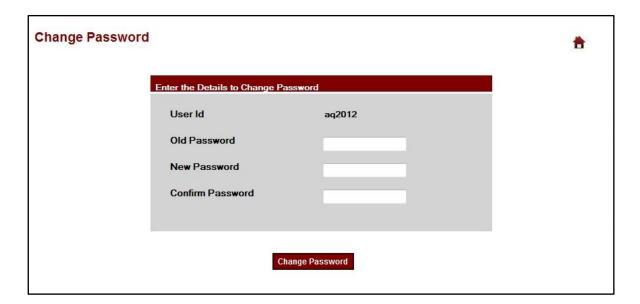


Figure 3: Change Password-ESCIMS

2.2 Log In to HHT

The following services should be running for HHT to work correctly:

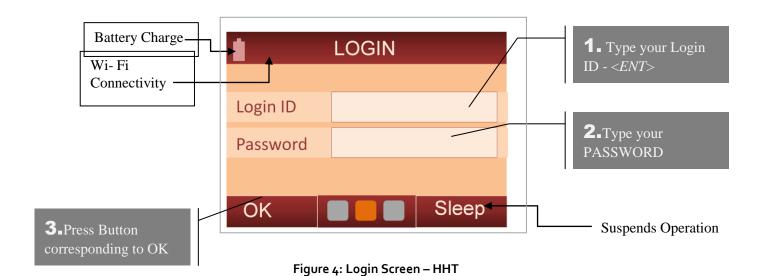
IIS Web Admin and World Wide Web Publishing - These can be accessed from Control Panel \rightarrow Administrative Tools \rightarrow Services

Windows mobile

The HHT should be connected to the desktop through Wi-Fi or a cradle, for the exchange of data with the desktop.

To log in to the HHT:

- 1. Enter the Login ID and Password on the **LOGIN** screen.
- 2. Click **OK**. Alternatively, click **Sleep** to exit the screen.



2.3 Menus

The ESCIMS – SCM Module consists of the following menus:

Table 1: Menus in the application

S. No.	Menu name	Description
1.	SCM	Consists of the optionsrelated to distiller operations. The following optionsare available in the menu:
		a. Generate Barcode Sequence
		b. Provide Barcode Details
		c. View Barcode Sequence
		Consists of the options related to BWh operations. The following

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		optionsare available in the menu:
		a. View Inventory
		b. Work list
		Consists of the options related to EI operations. The following options are available in the menu:
		a. View Inventory
		b. Work list
		c. Stock Ageing Analysis
		d. Allow TP Dispatch
		Consists of the options related to HCR operations. The following options are available in the menu:
		a. Receive Supplies
		b. Sales Details at HCR
		c. View Inventory
2.	Import Permit	The following option is available in the menu for the distiller:
		a. Dispatch against IP
3.	Transport Permit	The following optionsare available in the menu for the BWh:
		a. Prepare for dispatch
		b. View Draft Dispatches
4.	Warehouse Functions	The following options are available in the menu for the BWh:
		a. Handle Breakage
		b. Pay Breakage Duty

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DISPATCH & RECEIVE SUPPLIES AGAINST IMPORT PERMIT

HHT Manual Entry

3 Dispatch & Receive Supplies Against Import Permit

- The following ESCIMS processes are employed during the dispatch and receipt of liquor supplies from the Distillery to their respective Bonded Warehouses situated in Delhi: Generate Barcode Sequence Numbers
- Provide Barcode Details
- Dispatch Supplies against Import Permit
- Request for In-bonding
- Receive Supplies at BWh

The following diagram provideses an overview of the various activities performed during the dispatch and receipt of liquor.

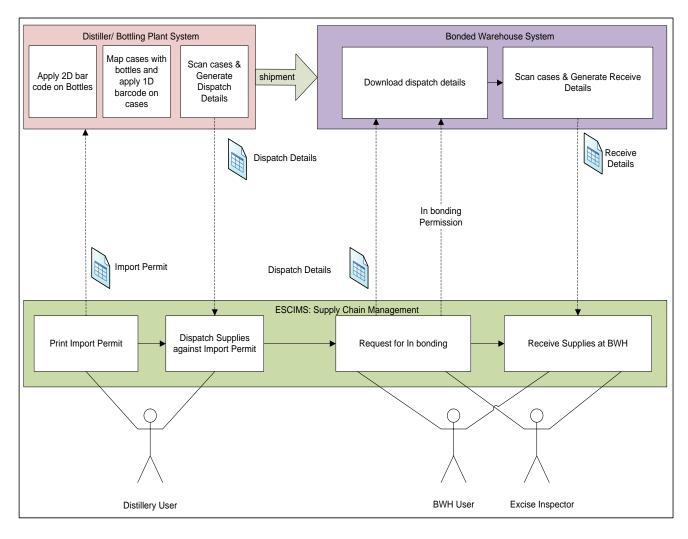


Figure 1: Overview of Dispatch & Receive Supplies against Import Permit

3.1 Generate Barcode Sequence No (Distillery)

Thisactivity deals with generating the barcode sequence numbers at the distillery, downloading and printing the barcodes, and pasting the barcodes on the cases and bottles.

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3.1.1 Generate Barcode Sequence No (IMFL Distillery)

This section shows the steps to generate bar code sequence nos. This task is performed by IMFL Distillery

To generate Bar Code Sequence Nos:

1. Click on SCM-> Generate Barcode Sequence No.Link



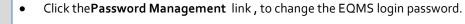
Figure 2: Generate barcode numbers Screen 1

- 2. On the **Generate Barcode Sequence** Numbers screen, select**Brand Name**. Values in **Size (in ml)** areupdated.
- 3. Select Size (in ml). Pack Size is updated according to the selected Brand Name and Size (in ml).
- 4. Enter Quantity (in Cases)
- 5. Click **Submit.** The downloadable file for the barcode is displayed.



Figure 3: Generate barcode numbers Screen 2

6. Click the download link to download the file with the generated barcodes.







- The product of **Quantity** and **Pack Size** must be less than 50000.
- You can download barcodes on the basis of mapped or unmapped data in the **Generation Type**, as registered at the time of licensing.

3.1.2 Generate Barcode Sequence No (IFL BWh)

This section deals with the steps to generate the bar code sequence nos. for Imported Foreign Liquor (IFL BWh). This task is meant for the BWh users.

To generate Bar Code Sequence Nos (IFL)

1. Click on SCM-> Generate Barcode Sequence No.Link

The Generate Barcode sequence numbers- Foreign Liquor Screen 1 is displayed.



Figure 4: Generate Barcode sequence numbers-Foreign Liquor Screen 1

- 2. Select a TTP number
- 3. Click Fill Details. The TTP details are displayed.

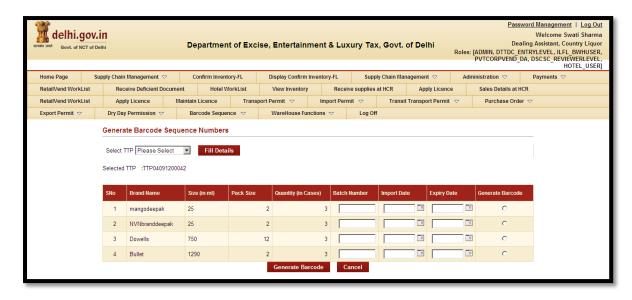


Figure 5: Generate Barcode sequence numbers-Foreign Liquor Screen 2

- 4. Depending on the type of liquor for which you want to generate the barcode, do one of the following:
 - a. For beer, enter Batch Number, Import Date, ExpiryDate.
 - b. For other forms of liquor, enter Import Date.

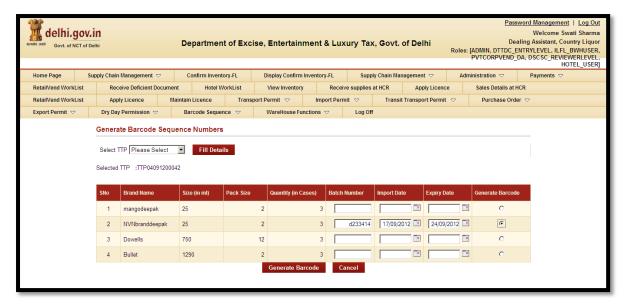


Figure 6: Generate Barcode sequence numbers-Foreign Liquor Screen 3

- 5. Select the Generate Barcode for the brand for which you want to generate the barcode
- 6. Click Generate Barcode. The download link appears.

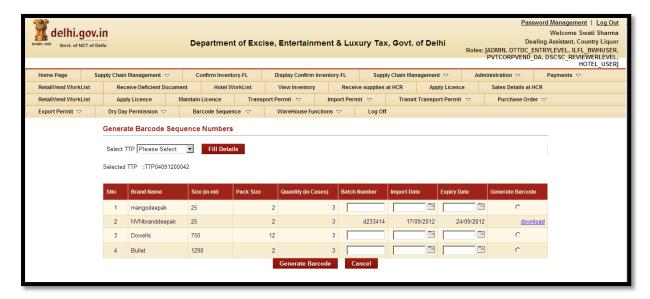
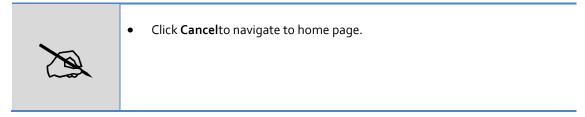


Figure 7: Generate Barcode sequence numbers-Foreign Liquor Screen 4

7. Click the download link to download the barcode file in Microsoft Excel format. You can print the generated barcodes and paste them as required.



3.2 Provide Barcode Details (Distillery)

This topic deals with providing barcode details in the system for the distillery by distillery user. To provide the barcode Details for Distillery

- 1. Click on SCM->Provide Barcode Detailslink
- 2. Click **Browse** to select the barcode file. The bar code file (in Excel format) should contain the bottle barcode, batch number, and expiry date, manufacturing date, case SSCC and case GTIN.
- 3. Click **Upload** to upload the file. One of the following happens:
 - a. If the file is uploaded successfully, **No. of mapped cases uploaded** is updated and a success message appears. Also, the **Upload** is disabled.
 - b. If the file is not uploaded successfully, **No. of mapped cases uploaded** is not updated and a failure message appears. Also, a link to view the error details is displayed.



Figure 8: Provide Barcode Details



• Click Cancel, to navigate to the home page

3.3 Dispatch Supplies against Import Permit (Distillery)

This topic deals with dispatching supplies against Import Permit, from the distillery.

To Dispatch Supplies against Import Permit,

1. Click Import Permit>Dispatch against IP.

The Dispatch against Import Permit screen appears.

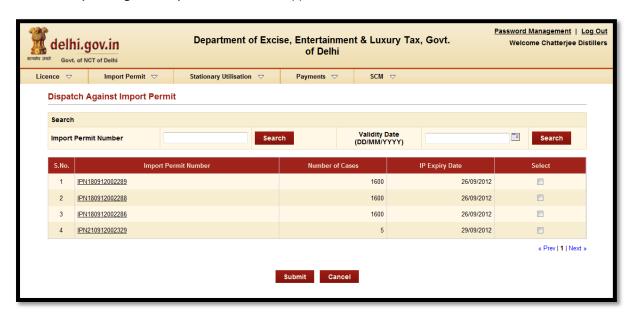


Figure 9: Dispatch supplies against import permit Screen 1

2. Enter Import Permit Number or Validity Date and click Search.

The list of import permits is displayed.

- 3. Select the check boxes for the import permits you want to dispatch.
- 4. Click Submit.

The **Dispatch supplies against import permit Screen 2** appears.



Figure 10: Dispatch supplies against import permit Screen 2

- 5. Enter the mandatory fields on the screen.
- 6. Click **Browse**to select the file (.xml or .xls) containing the details of the selected IP and case SSCC numbers.
- 7. Click **Upload** to upload the file. One of the following happens:
 - If the file is uploaded successfully, **Number of Cases** is updated and a success message appears. Also, the **Submit** is enabled.
 - If the file is not uploaded successfully, then system displays failure message and number of cases uploaded and an option to view mismatch details.
 - If the file is uploaded successfully but the number of cases uploaded is less than number of cases mentioned in the IP, then reason for short supply text area appears
- 8. Click **Submit** to dispatch the import permit.

• Click Cancelto navigate to home page, .



- You have to select at least 1 and maximum 2 import permits for dispatch. Specifications of the Uploaded File:
 - File format should be .xls
 - o The heading of the XL Sheet is case sensitive,
 - IPNO
 - CASENO
 - o IPNO: This should have the IP No. in each row
 - CASENO: This should have the second barcode of the case, i.e. SSCC (Serial Shipment Container Code) No.

3.4 In-bonding at BWh

The vehicle dispatched from distillery is in-bonded at the BWh. The BWh user requests for the in-bonding permission from Excise posted at the BWh.

3.4.1 Request for In-bonding (BWh)

This section shows the steps to request for in bonding by BWh User. This task is performed by BWh user.

To Request for in bondingBWh

1. Click on SCM ->Request for Inbondinglink

Request for in bonding Screen is displayed.



Figure 11: Request For In-bonding Screen

- 2. Click on Download Dispatch Details linkand save the file at location D:/ESCIMS
- 3. Enter truck arrival date and time
- 4. Click Submit



- Click Save & Close, to save the current data and exit the screen.
- Click Cancel, to go back to the previous screen

3.4.2 Approve In-bonding Request (Excise Inspector)

This section shows the steps to approve in-bonding request by Excise Inspector.

To Approve In-bonding Request by Excise Inspector

1. Click on SCM ->Worklistlink

The Excise Inspector Worklist is displayed.

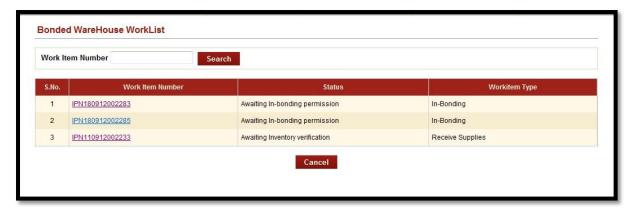


Figure 12: Excise Inspector Worklist Screen

2. Click on Workitem No. link

The **Approve In bonding Screen** is displayed.

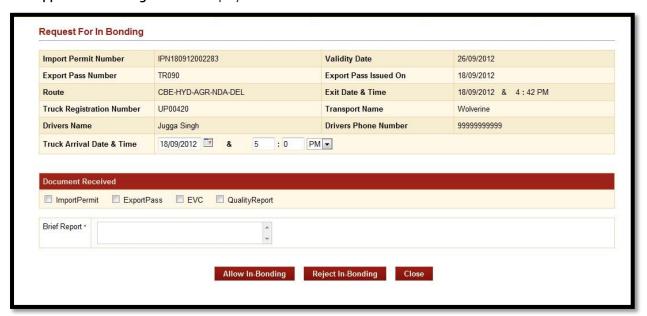


Figure 13: Approve In bonding Screen

- Update the Truck Arrival Date and Time, mark the checkboxes of the DocumentsReceived and enter Brief Report
- 4. Click on Allow In Bondinglink, if you want to allow the truck to be in-bonded in BWh



- ClickReject In bonding, to do not allow the in bonding of the vehicle. The request will be forwarded to Delhi excise department for further action
- Click**Close**, to close the current screen
- Update the vehicle no, and enter the reason for update, if the vehicle is changed

3.4.3 Approve In- Bonding Request (Superintendent)

This section provides the steps to approve in-bonding Request by superintendent,

To approve in-bonding Request:

1. Click on SCM ->Worklistlink.

The Superintendent Worklist is displayed.



Figure 14: Superintendent Work-item Screen

2. Click on Work item no.Link.

The Request For In bonding – Superintendent Screen is displayed.

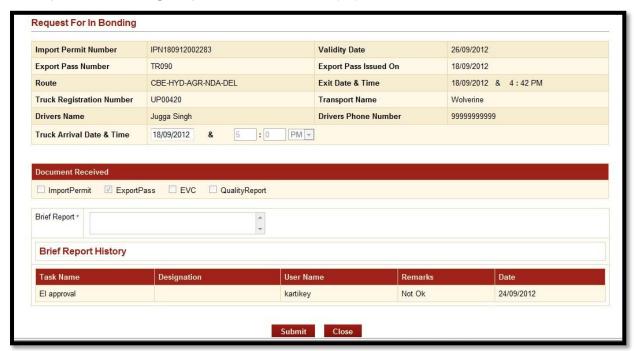


Figure 15: Request For In bonding – Superintendent Screen

- 3. Mark the received documents, and enter the brief report
- 4. Click Submit

3.4.4 Approve In-bonding Request (AC/GM Excise)

This section provides the steps to approve in-bonding Request by AC or GM Excise,

To approve in-bonding Request,

Click on SCM ->Worklistlink

The AC/GM Excise Worklist is displayed.

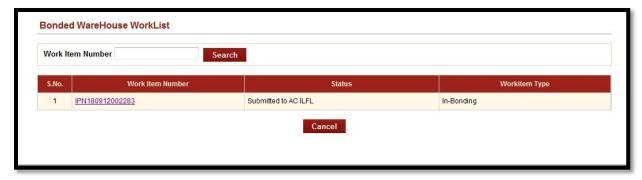


Figure 16: AC/GM Excise Work-item Screen

2. Click on Work item no.link

The Request For In bonding – AC/GM Excise Screen is displayed.



Figure 17: Request For In bonding – AC/GM Excise Screen

- 3. Mark the received documents, and enter the brief report
- 4. Click Submit

3.4.5 Approve In-bonding Request (DC Excise)

This section provides the steps to approve in-bonding Request by DC Excise:

To approve in-bonding Request,

1. Click on SCM ->Worklistlink

The Worklist DC Excise screen is displayed.



Figure 18: Worklist DC Excise Screen

Click on the work item with status "Submitted to DC" and work item type as "In-Bonding"
 Request for In-bonding Screen is displayed.

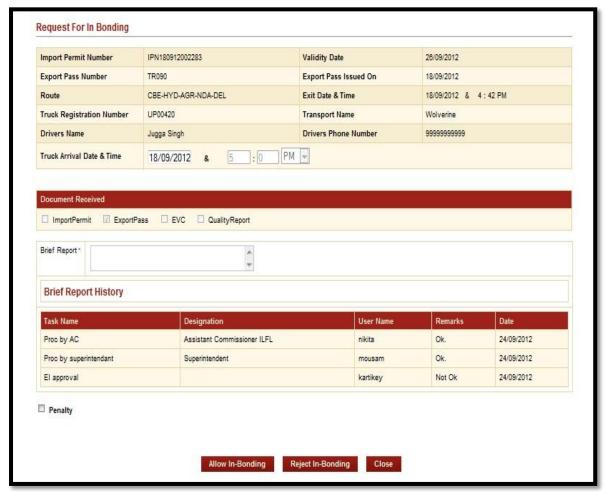


Figure 19: Request for In-bonding - DC Screen

- 3. Enter the brief Report.
- 4. Select Penalty,

The Impose Penalty Screen is displayed.



Figure 20: Impose Penalty Screen

- 5. Enter Penalty Amount, and Reason for Penalty
- 6. Click on Allow In bondinglink



- You may also proceed without imposing penalty
- Click **Reject In –Bonding**, to reject the in-bonding request
- ClickClose, to close the screen

3.5 Receive Supplies at BWh

The 'Receive Supplies at BWh' process helps the BWh user to receive the supplies which were shipped against an Import Permit. The process is as follows:

- 1. The BWh user uploads the details of the supplies received at the BWh and forwards the details to the excise inspector for verification.
- 2. Post verification from the excise inspector, the received supplies get updated in the ESCIMS system against the inventory of the BWh and the information becomes available to Permits branch of the excise department.
- 3. The users from the permits branch can then view the inventory available at the BWh and can process the transport permits against which the supplies can further be dispatched to the retail vends.

As a standard operating guideline, the BWh user shall only prepare the receive details of completely intact cases using the HHT application and shall keep all the damaged cases aside, which shall be dealt through 'Handle Breakage In-transit' process.

3.5.1 Receive Supplies through HHT

The supplies dispatched from BWh will be received by scanning the barcodes of the intact cases from the HHT device.

3.5.1.1. Scanning of Barcodes through HHT (BWh)

This section provides the steps to scan barcodes of intact cases received against IP. This task is performed by BWh user.

To scan barcodes of intact cases received against IP:

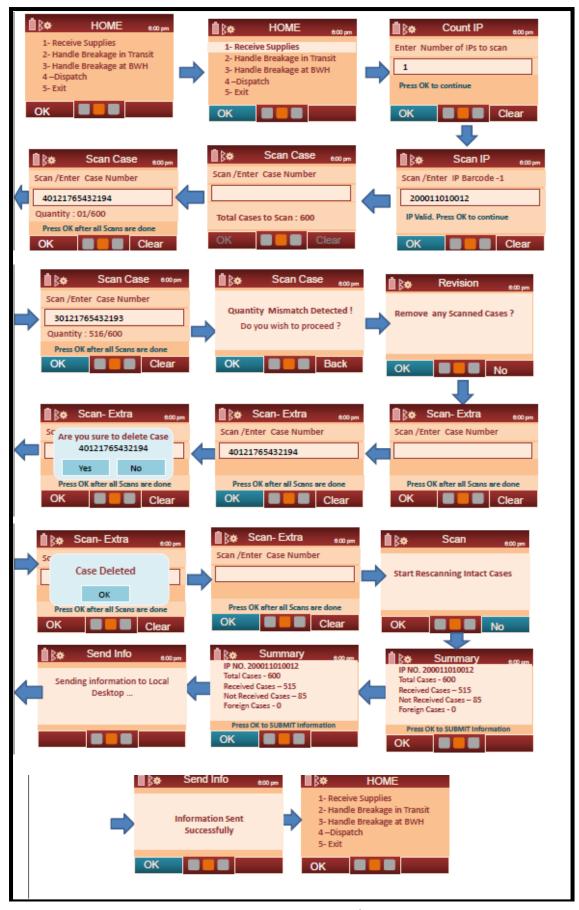


Figure 21: HHT-Receive Supplies Screen

- 1. Select Receive Supplies and press Ok
- 2. Enter No. of Ips to be scanned and press Ok



• PressClear, to clear the screen

- 3. Scan IP Barcode
- 4. Scan Intact cases Barcode No.
- 5. Press **Ok** after all scans of intact cases are done
- 6. Press **Ok**, if you want to finish the receiving process



- PressBack, to go back to the receiving screen
- You can also enter the barcode, if you are not able to scan
- 7. Press Ok, if you want to remove any scanned case



Press No, In order to, not to remove any scanned case

- 8. Scan the cases to be removed
- 9. Press Ok when all the scans are done
- 10. Press Noto not to start the scanning



Press Ok, to start scanning of the intact cases

11. Press **Ok** to submit the information



- The device should be connected to desktop while submitting the information
- On submitting the information, the file is created and saved in the desktop at location

3.5.1.2. Uploading scanned files (BWh)

This section provides the steps to upload scanned files at BWh by BWh user:

To upload scanned files at BWh,

1. Click on SCM->Worklistlink

The BWh Worklist screen is displayed.



Figure 22: BWhWorklist Screen

2. Click on work list IDlink, with status Receive supplies

The Receive Supplies Against Import Permit Screen is displayed



Figure 23: Receive Supplies against Import Permit Screen

- 3. Browse and upload the Receive Details file
- 4. Enter the No. of Unknown Cases (if any)
- 5. Click Submit for Approval



Click Cancel, to exit this process without saving

3.5.2 Receive Supplies Manually (BWh)

This section provides the steps to receive supplies manually, by BWh user.

To receive supplies manually,

1. Click on **SCM->Worklist**link

The BWhWorklist screen is displayed.



Figure 24: BWh Worklist Screen

2. Click on work list IDlink, with status Receive supplies

The Receive Supplies Against Import Permit Screen is displayed

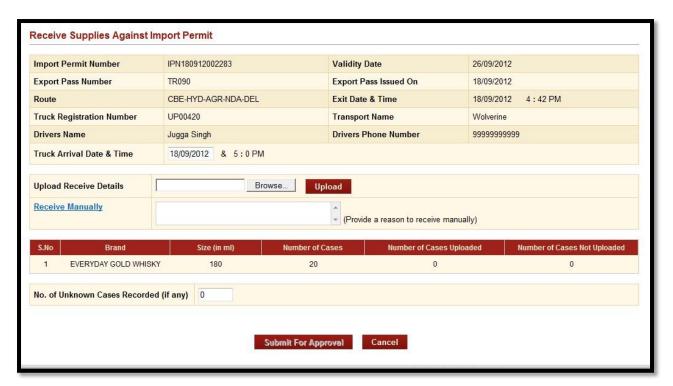


Figure 25: Receive Supplies Against Import Permit Screen

3. Click Receive Manuallycheckbox, and enter the reason to receive manually

The Receive Supplies (Case Details) Screen is displayed.



Figure 26: Receive Supplies (Case Details) Screen

- 4. Select the barcodes of intact cases
- 5. Click Return
- 6. Enter the No. of Unknown Cases (if any)
- Click Submit for Approval

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ClickCancel, to exit this process without saving

HANDLE BREAKAGE

With HHT

4 Handle Breakage

To minimise the losses incurred to the licensee due to breakage, the excise department allows the licensee to repack the left over bottles of a particular SKU from the damaged cases into new cases, by putting a new barcode on the cases and uploading the details to the ESCIMS system.

Hence, the handling of breakage is categorised as follows:

- Handle Breakage In-transit
- Handle Breakage at BWh

4.1 Handle Breakage In-transit

The repackaging of bottles (of a particular SKU), into new cases is allowed for the bottles of the same batch and shipment (i.e. Import Permit) only. The bottles which cannot be repacked into complete cases are moved into a separate inventory in the BWh, so that such bottles can be repacked while handling breakage at BWh.

4.1.1 Download Damaged details file (BWh)

This section provides the steps to download damaged details file by BWh user:

To download damaged details file

Click on Warehouse Functions -> Handle Breakage link

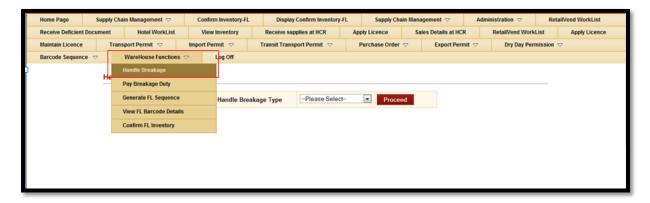


Figure 27: Handle Breakage in Transit Screen 1

2. Select **In Transit** option from the drop-down of Handle breakage Type and click on **Proceed** to handle the breakage In Transit.



Figure 28: Handle Breakage in Transit Screen 2

List of import permit number for handling breakage in transit will be displayed.



Figure 29: Handle Breakage in Transit Screen 3

- 3. **File 1** of **Download Case Details** can be downloaded for re-printing of case barcodes for further repackaging of cases.
- 4. **File 1** of **Download Bottle Details** will download an encrypted XML file which will consists of cases and bottle details corresponding to the cases not received. Upload the file on HHT device for re-packaging.

4.1.2 Scan Repackaged case & bottle barcodes through HHT (BWh)

This section provides the steps to scan repackaged cases and bottles corresponding to the in transit breakage: This task is performed by BWh user.

To scan repackaged cases and bottles,



1. Select Handle Breakage in Transit and press Ok

2. Scan IP Barcode and press Ok



- ClickClear to clear the screen
- 3. Scan Repacked Case barcode
- 4. Scan bottles barcodes of the corresponding repacked case
- 5. Press No, if all the repacked cases are scanned



- ClickO, to scan next repacked case
- You can also enter the barcode, if you are not able to scan
- 6. Press Ok, to scan any loose bottle



- ClickNo, if all the bottles are repackaged and there is no loose bottle left
- 7. Scan the barcode of loose bottles
- 8. Press Ok when all the scans are done
- 9. Press Ok to submit the information



- The device should be connected to desktop while submitting the information
- On submitting the information, the file is created and saved in the desktop at location

4.1.3 Upload repackaged details file (BWh)

This task is performed by BWh user. This section provides the steps to upload repackaged details file:

To upload repackaged details file,

1. Click Warehouse Functions -> Handle Breakage link

The Handle Breakage in Transit Screen 3 is displayed.



Figure 30: Handle Breakage in Transit Screen 3

2. Click the **Import Permit No.**link

The Handle Breakage in Transit Screen 4 is displayed.

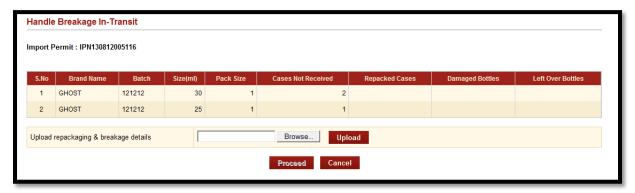


Figure 31: Handle Breakage in Transit Screen 4

3. Click**Browse**to locate the file in the system and select the file and click **upload**.

The Handle Breakage in-transit screen 5 is displayed.



Figure 32: Handle Breakage in Transit Screen 5

4. Click on Proceed.

The Handle Breakage in Transit Screen 6 is displayed.

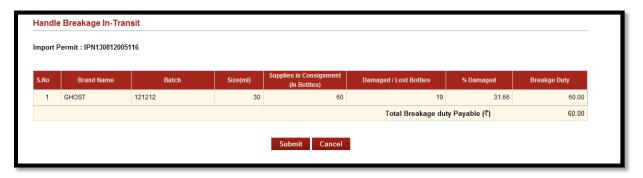


Figure 33: Handle Breakage in Transit Screen 6

Click on Submit.



Figure 34: Handle Breakage in Transit Screen 7

6. On successful submission, a message is displayed with the generated request id..

4.1.4 Approve In-transit Breakage (EI)

This section provides the steps to approve in-transit Breakage by El:

To approve in-transit Breakage

1. Click on SCM->Worklist link

The **Approve in Transit Breakage Screen 1** is displayed.

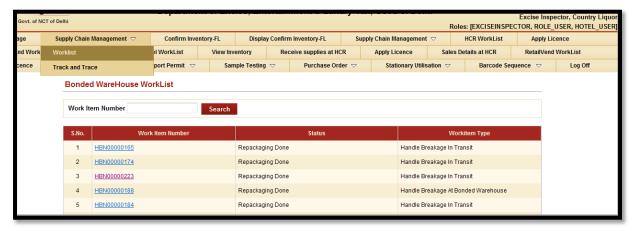


Figure 35: Approve in Transit Breakage Screen 1

2. Click on the work item no. link.

The Handle Breakage in Transit Screen 9 is displayed.

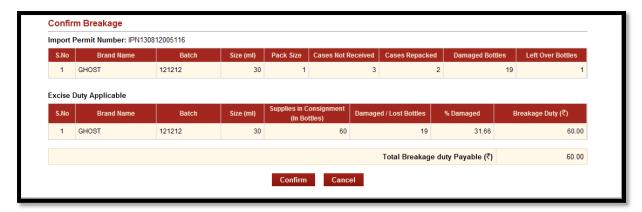


Figure 36: Handle Breakage in Transit Screen 9

3. Click**Confirm** to confirm the breakage in transit and forward it to the BWh user for payment of breakage duty.



Figure 37: Handle Breakage in Transit Screen 10



- Click Cancel, to navigate to home page,
- The user also has the option to search the Work Item Number

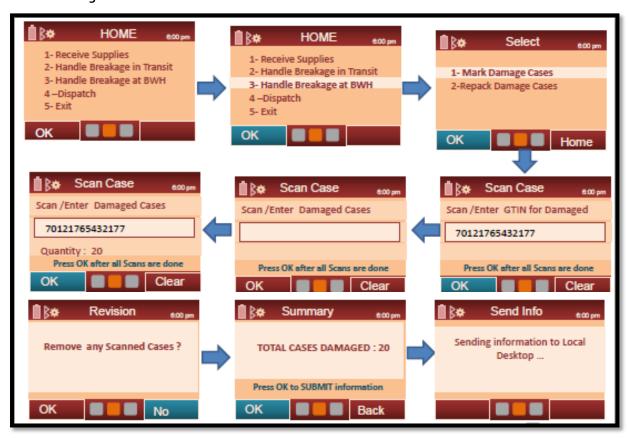
4.2 Handle Breakage at BWh

The repackaging of bottles (of a particular SKU) into new cases is allowed irrespective of the batch and shipment the bottles belong to.

4.2.1 Scan Damaged Case Barcodes through HHT (BWh)

This section provides the steps to scan damaged case barcode by BWh user.

To scan damaged case barcode



- Select Handle Breakage at BWhand press Ok
- SelectMark Damaged Cases and press Ok
- 3. Scan GTIN (first 1D barcode of case) barcode



PressClear, to clear the screen

- 4. Scan Damaged Case barcode
- 5. Press Ok, after all scans are done
- 6. Press No, if scanned cases is not to be removed



- Press**Ok**, to remove any scanned case
- You can also enter the barcode, if you are not able to scan

7. Press Ok, to submit the information

4.2.2 Upload damaged case barcodes (BWh)

This section provides the details to upload the damaged case barcode by the BWh user.

To upload damaged case barcode,

1. Click on Handle Breakage -> Warehouse Function

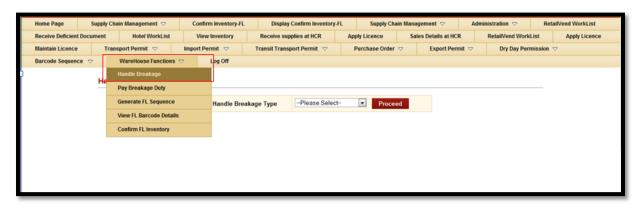


Figure 38: Handle Breakage at BWh Screen 1

2. Click **Proceed** after selecting the **At BWh** Option from Handle Breakage Type.



Figure 39: Handle Breakage at BWh Screen 2

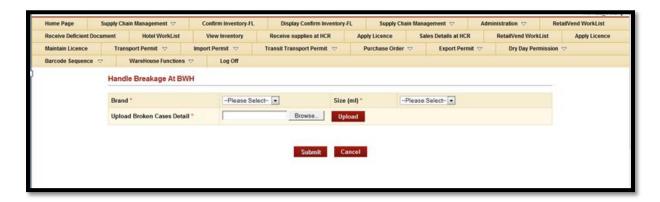


Figure 40: Handle Breakage at BWh Screen 3

3. Select **Brand** and respective **Size** available at BWh for handling breakage.

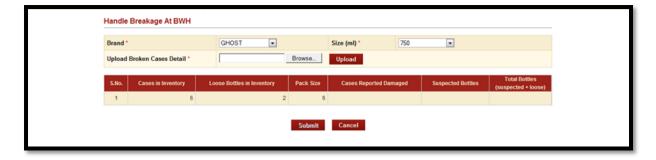


Figure 41: Handle Breakage at BWh Screen 4

Once user selects the options, grid will get displayed with the cases, loose bottles, and pack size of cases present in the inventory.

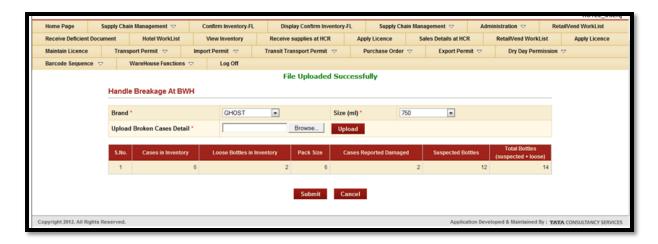


Figure 42: Handle Breakage at BWh Screen 5

- 4. Click**Browse** to locatein the desktopthe breakage details file (xml format) created using the HHT device. Select the file and click **upload** .System will display cases reported damaged, suspected bottle, total bottle details with the help of xml uploaded by the user.
- 5. Click Submitto generate the work item number. You can use this number for repackaging.

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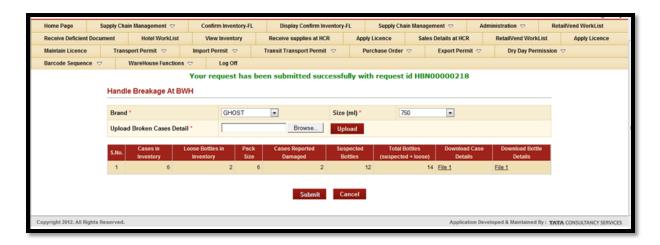


Figure 43: Handle Breakage at BWh Screen 6



Click**File 1**link of **Download Case Details** to download the barcode details for printing of case barcodes of repackaged cases.

Click **File 1** link of **Download Bottle Details**to download an XML file and upload on HHT for repackaging

4.2.3 Scan Repackaged case & bottle barcodes through HHT (BWh)

This section provides the steps to scan repackaged case and bottle barcodes by BWh User:

To scan repackaged case and bottle barcodes,

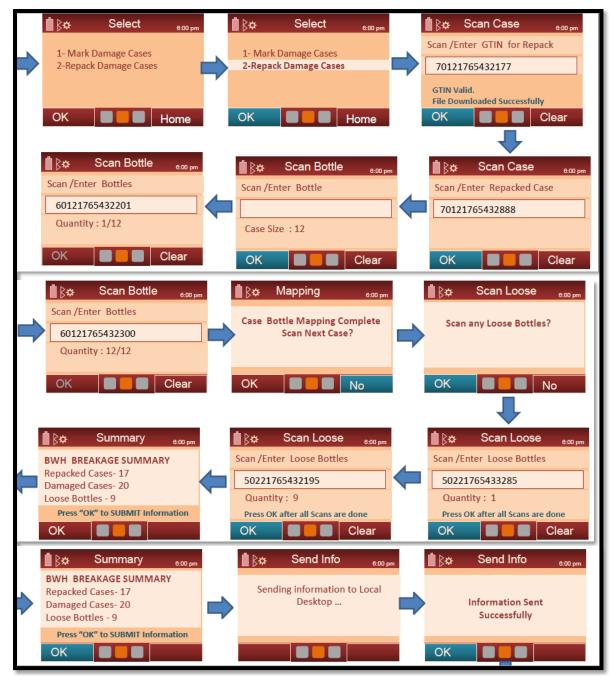


Figure 44: Scan Repackaged Cases and In-tact Bottles – HHT

- 1. Select Handle Breakage at BWhand press Ok
- 2. SelectRepack Damaged Cases and press Ok
- 3. Scan GTIN (first 1D barcode of case) barcode



PressClear, to clear the screen

- 4. Scan Repacked Case barcode and press **Ok**
- 5. Scan bottle barcode of the scanned case

6. Press No, if all the repacked cases are mapped and scanned



- PressOk, to scan next case
- You can also enter the barcode, if you are not able to scan
- 7. Press Ok, to scan any loose bottle



- PressNo, not to scan any loose bottle
- 8. Scan the barcode of loose bottle
- 9. Press **Ok** after scanning the barcode of all the loose bottle
- 10. Press **Ok** to submit the information

4.2.4 Upload repackaged details file (BWh)

This section deals with the steps to upload a repackaged file at BWh by a BWhuser.

To upload a repackaged file,

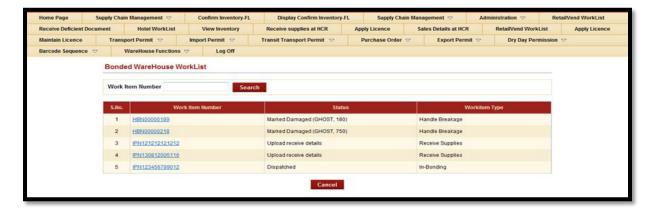


Figure 45: Handle Breakage at BWh Screen 7

1. Click on Warehouse Functions-> Handle Breakage

Navigates to work list screen. Select the work item number for which repackaging has been done.

2. Click on **Work Item Number**link and navigate to BWh screen.



Figure 46: Handle Breakage at BWh Screen 8

3. **Browse** and **Upload** the repacked case details. Once the file is uploaded systems calculates the breakage duty for the damaged bottles in the SKU. The cases repacked, loose bottles left over, loose bottles left over, new inventory in cases and the breakage duty are displayed.

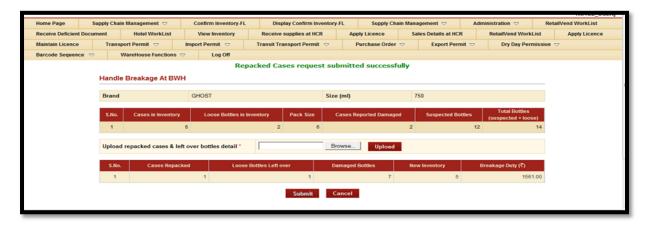


Figure 47: Handle Breakage at BWh Screen 9

4. Click **Submit**to forward the details of the work item to the excise inspector for confirmation..

4.2.5 Approve BWh Breakage (EI)

This section provides the steps for the Excise Inspector to approve BWh Breakage

To approve BWh Breakage,

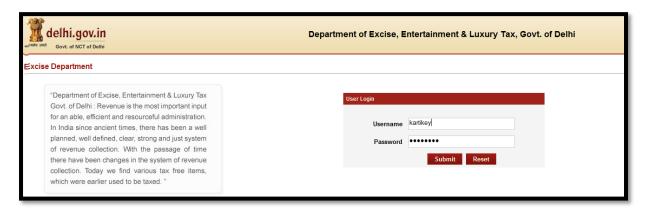


Figure 48: Handle Breakage at BWh Screen 10

- Click on SCM->Worklist link
- 2. The list of Work Item Numbers requiring approval is displayed.

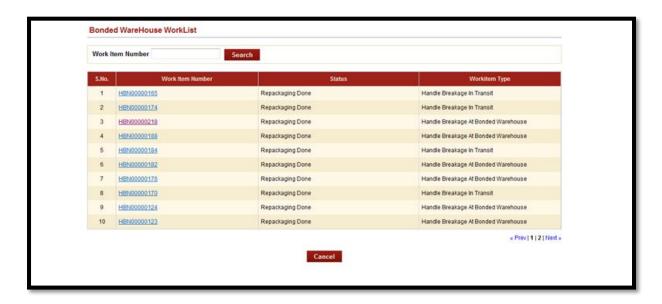


Figure 49: Handle Breakage at BWh Screen 11

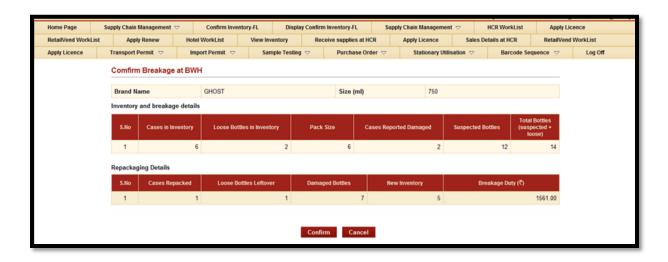


Figure 50: Handle Breakage at BWh Screen 12

3. Click the work item number link for which you want to verify the details. The details are displayed.

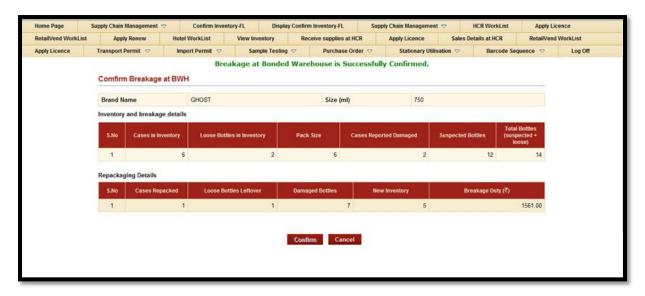


Figure 51: Handle Breakage at BWh Screen 13

4. Verify the details and click **Confirm**. The work item is forwarded to the BWh user.



- Click Cancel, to navigate to the home page,
- Enter the Work Item Number, click Search, to search for the wrok item number

4.3 Pay Breakage Duty (BWh)

This section provides the steps for the BWh user to pay the breakage duty at BWh.

To pay the breakage duty:

Click Warehouse Function -> Pay Breakage Duty.

The applicable breakage duty is displayed.



Figure 52: Pay Breakage Duty Screen 1

2. Select the breakage type for which you want to pay the duty.

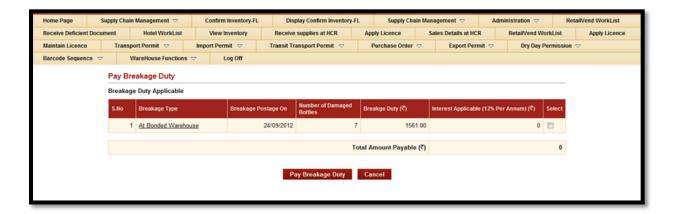


Figure 53: Pay Breakage Duty Screen 2



Figure 54: Pay Breakage Duty Screen 3

3. Click the Breakage Type link. The details for the breakage are displayed.

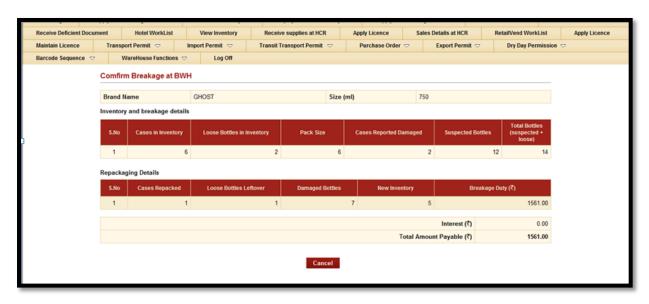


Figure 55: Pay Breakage Duty Screen 4



Figure 56: Pay Breakage Duty Screen 5

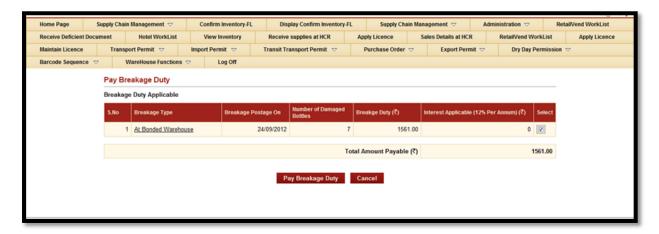


Figure 57: Pay Breakage Duty Screen 6

- 4. Select the records for which the breakage duty is to be paid. The **Total Amount Payable** is displayed.
- 5. Click **Pay Breakage Duty**. Aconfirmation screen is displayed and you are redirected to the payment gateway.

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Figure 58: Pay Breakage Duty Screen 7

- 6. Click**OK** to confirm.
- 7. Select the **Mode of Payment** and click **confirm**. The payment status is displayed.

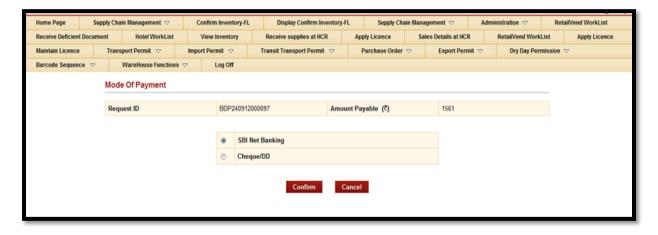


Figure 59: Pay Breakage Duty Screen 8

8. Click Generate Acknowledgmentlinkto generate the Acknowledgement Slip for the payment

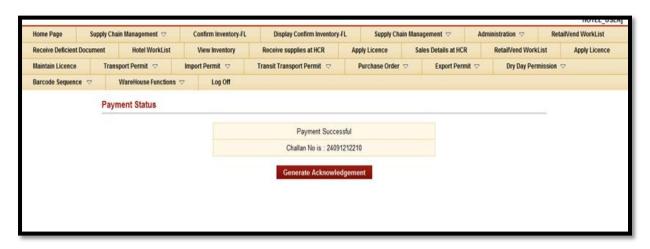


Figure 6o: Pay Breakage Duty Screen 9

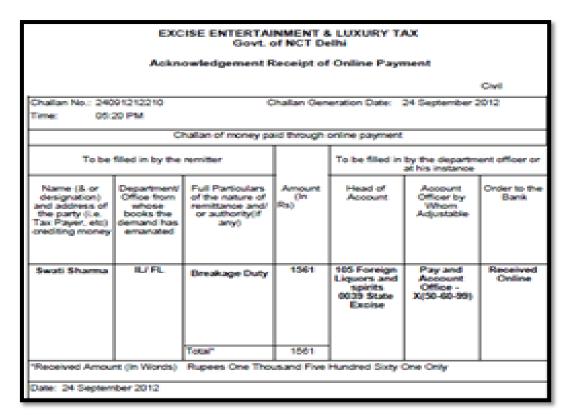


Figure 61: Pay Breakage Duty Screen 10



- Click Cancel, to navigate to the home page,.
- You can pay the breakage duty for multiple records in a single transaction.

DISPATCH AGAINST TRANSPORT PERMIT

5 Dispatch against Transport Permit at BWh

The supplies are dispatched from BWh against the Transport Permits (TP). While dispatching against TP, cases are scanned by the HHT and the scanned file is uploaded to ESCIMS..

5.1 Identify TPs (BWh)

This section provides the steps to identify TP to be dispatched in a single truck by BWh User:

To identify TP,

1. Click on Transport Permit -> Prepare For Dispatch link

The Prepare for Dispatch against TP Screen is displayed

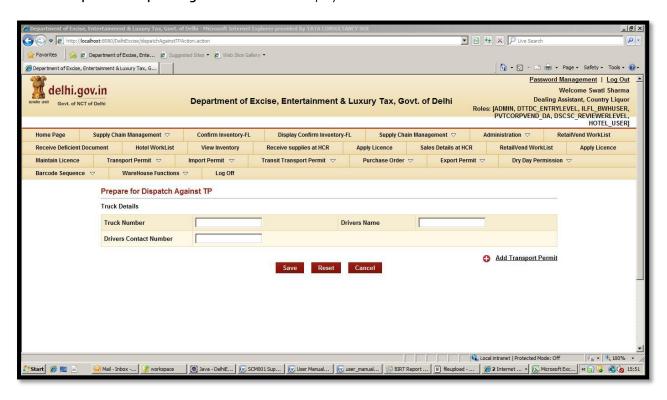


Figure 62: Prepare for Dispatch against TP

- 2. Enter the truck no., driver name and driver contact no. and click Save
- 3. Click on Add Transport Permit Link

The Active TP Screen is displayed

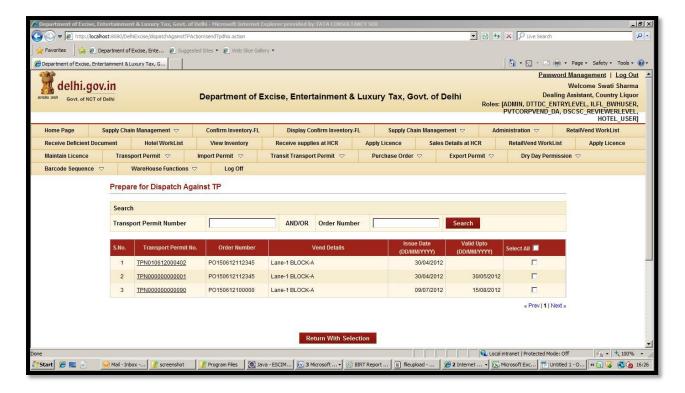


Figure 63: Active TPs Screen

4. Select the TPs to be dispatched in that truck and click Return with Selection

The Prepare for Dispatch Screen 2 is displayed

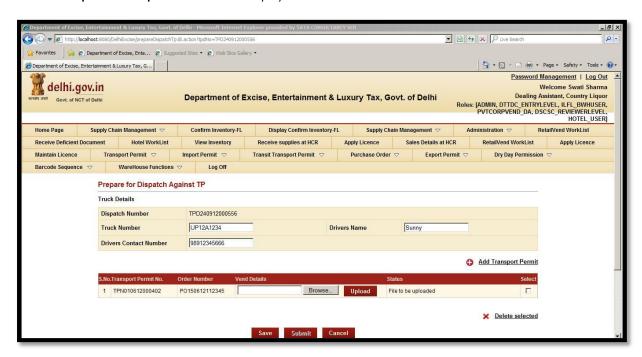


Figure 64: Prepare for Dispatch Screen2



- Click on **Transport Permit No.**link to view the TP details
- Click**Search**, to search the TP by Transport Permit No. and/or Order No.
- 5. Click Saveand Close the screen

5.2 Scan case barcodes through HHT (BWh)

This secyion provides the steps to scan case barcodes from HHT by BWh user:

To scan case barcodes,

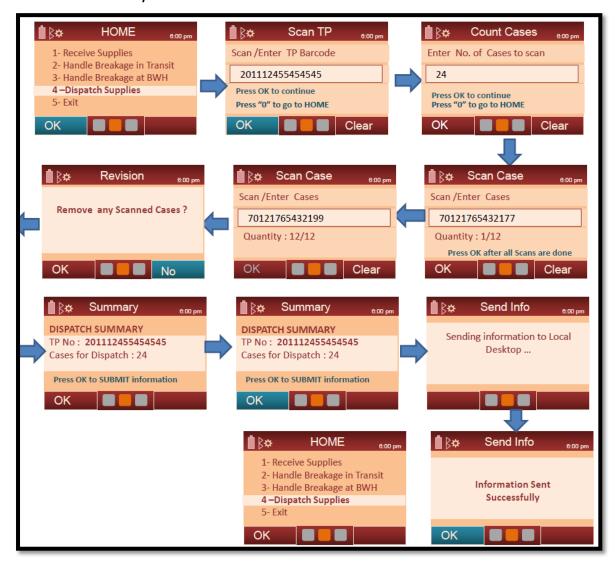


Figure 65: Dispatch Supplies through HHT Screen

- 1. Select **Dispatch Supplies** and press **Ok**
- 2. Scan TP Barcodes and press Ok
- 3. Enter No. of Cases to scan and press Ok



ClickClear, to clear the screen

- 4. Scan case barcodes to be dispatched
- 5. Press Ok after all scans are done
- 6. Press No, if all the correct cases are scanned



- ClickOk, to remove any scanned case
- You can also enter the barcode, if you are not able to scan
- 7. Press **Ok** to submit the information

5.3 Upload barcode file (BWh)

This section provides the steps to upload barcode file by BWh user:

To upload barcode file,

- 1. Click SCM->Prepare for Dispatch-> Savedlink
- 2. Select the work-itemlink

The Prepare for Dispatch against TP Screen 2 is displayed

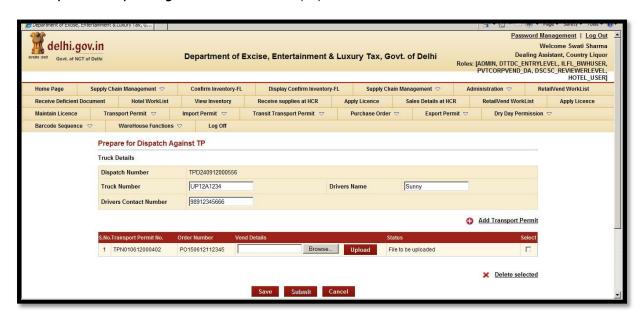


Figure 66: Prepare for Dispatch Screen2

3. Click on **Browse** and upload the file.

The File Successful Upload Screen is displayed.

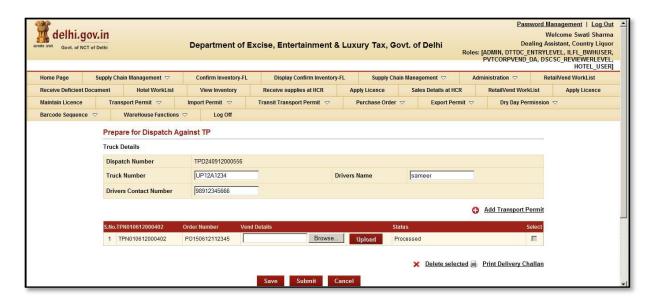
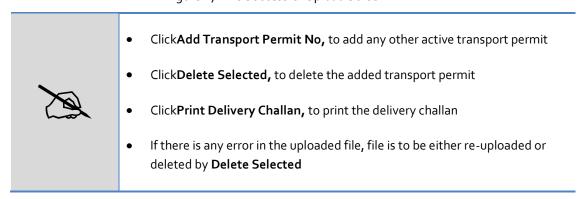


Figure 67: File Successful Upload Screen



4. Click Submit

The **Delete Uploaded File Screen** is displayed

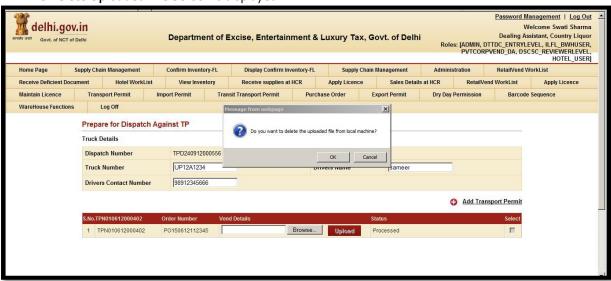


Figure 68: Delete Uploaded File Screen

5. Click **Ok**



File is sent to Excise Inspector for approval

5.4 Verify out-bond from BWh (EI)

This task is performed by EI. This section provides the steps to Verify Out-bond from BWh:

To Verify Out-bond from BWh,

- 1. Click on SCM->Allow TP Dispatchlink
- 2. Click Work-item linkwith status TP Approval

The Verify TP Screen is displayed



Figure 69: Verify TP Screen

3. Click Worklist IDlink

The Dispatch Supplies Work-item Detail Screen is displayed



- Select All: To verify multiple work items at one time. Enter Remarks, and click Verify
- Cancel: To close the current screen without saving any details

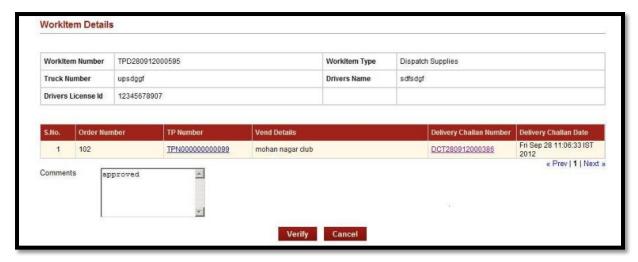


Figure 70: Dispatch Supplies Work-item Detail Screen

- 4. Enter Comments
- 5. Click Verify



- ClickTP Numberlink, to view the TP Details
- ClickDelivery Challan No.link, to view the delivery challan details

OTHER PROCESSES IN SUPPLY CHAIN

6 Other Processes in Supply Chain

The other processes in supply chain are as follows:

- Stock Ageing Analysis at BWh
- Track from GPRS
- Track and Trace from ESCIMS

6.1 Stock Ageing Analysis at BWh(EI)

This task is performed by EI. This section provides the steps to analyse Stock Ageing at BWh:

To analyse Stock Ageing at BWh,

- 1. Click on SCM-> Stock Ageing Analysis link
- 2. Select a stock ageing work item from the list by clicking on the Work List IDlink.



Figure 71: Stock Ageing Analysis Screen 1

 Details of selected work item will display, displaying the SKU Name, Packaging Type and Suspected Inventory.

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Figure 72: Stock Ageing Analysis Screen 2

4. Select the **Suspected Inventory**link and system will display the corresponding SKU details for status update.

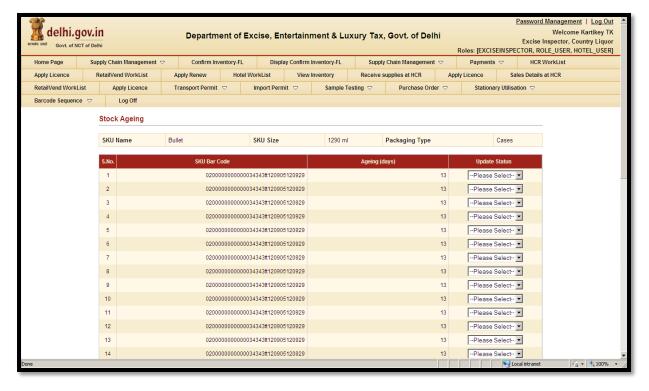


Figure 73: Stock Ageing Analysis Screen 3

- 5. **Select** and update the status from the dropdown of the inventory.
- 6. Click **Save** . The status of the inventory will update and count of BWh inventory will update.



• Click Cancel. to navigate to the home page,

6.2 Track through GPRS (EI)

This section provides the steps to Track through GPRS by EI

To Track through GPRS,

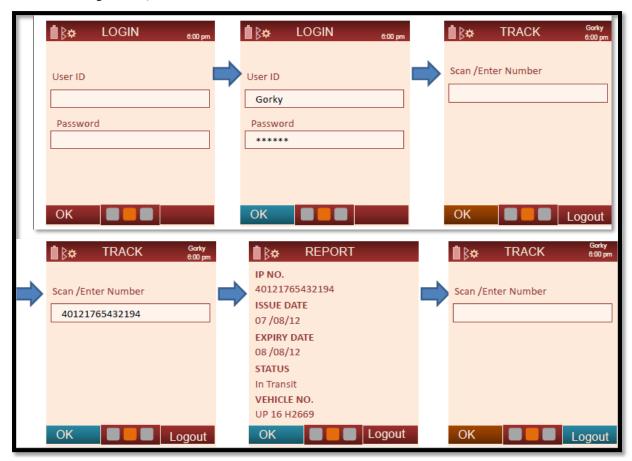


Figure 74: Track through GPRS Screen

- 1. Enter User Id and Password, and press Ok
- 2. Scan Barcode and press Ok

The GPRS output screen is displayed.



- The following barcodes can be scanned :
 - Case Barcode
 - Bottle Barcode
 - o Transport Permit No.
 - o Import permit no.
- Truck No.: You can also enter vehicle no. to track the consignment

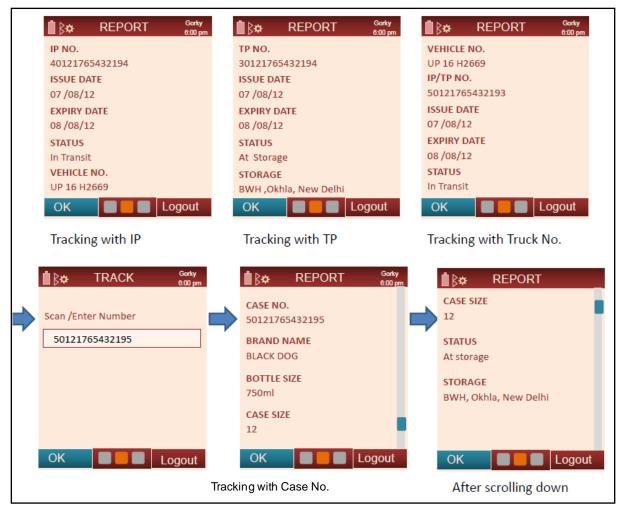


Figure 75: GPRS Output Screen

6.3 Track and Trace from ESCIMS (AC/Superintendent/GM Excise/DC/Commissioner)

This task is performed by AC/Superintendent/GM Excise/DC/Commissioner. This section provides the steps of Track and trace from ESCIMS:

To track and trace from ESCIMS:



Figure 76: Track & Trace through ESCIMS Screen 1

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- Click on SCM-> Track and Trace link
- 2. Enter the **Case/ Bottle Barcode** to be tracked and traced, click on **Search** to find the current status of case/bottle.



Figure 77: Track & Trace through ESCIMS Screen 2

3. Click on View Historylink, to trace the case/ bottle.

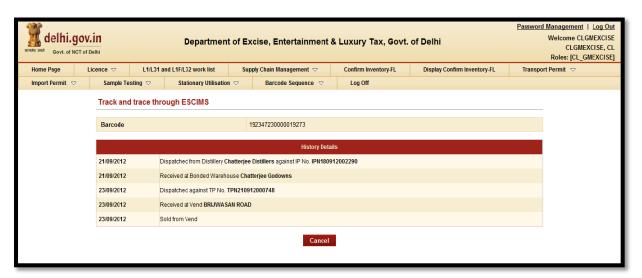


Figure 78: Track & Trace through ESCIMS Screen 3

4. The system displays the date wise track and trace of the selected barcode of the bottle/ case.



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HCR PROCESSES

7 Receive Details and Upload Sales Data at HCR

At HCR, the following activities are performed in ESCIMS:

- Receive Supplies
- Issue Stock for Sale

7.1 Receive Details against Transport Permit at HCR

The Hotel, Club, Restaurant receive the consignment which is dispatched from the BWh against a TP. This consignment is scanned and received with the HHT device. This section provides the details of receiving the consignment through HHT device.

7.1.1 Scan file through HHT (HCR)

This task is performed by HCR user. This section provides the steps to scan file from HHT at HCR:

To scan file from HHT,

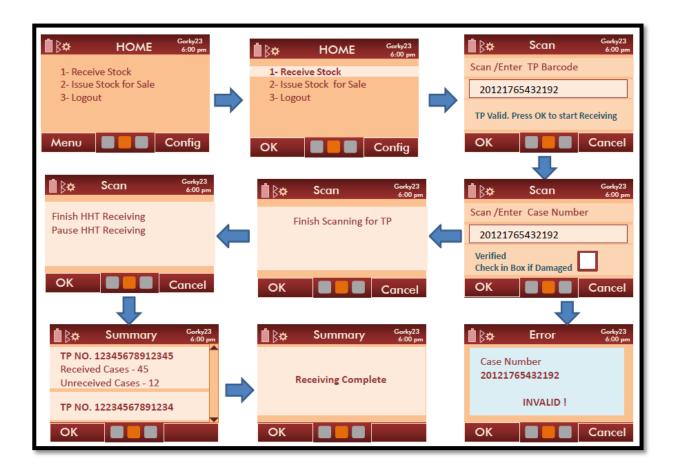


Figure 79: Scan File at HCR

- 1. Select Receive Stock and press Ok
- 2. Scan the TP Barcode
- 3. Scan the case barcode of intact cases

- 4. On completing the scanning of intact cases, press Ok.
- 5. Press **Ok** to submit the information.

7.1.2 Upload scanned file (HCR)

This task is performed by HCR user. This section provides the steps to upload scanned file at HCR:

To upload scanned file,

1. ClickSCM->Receive Supplies at HCRlink

The Receive Supplies at HCR WorklistScreen is displayed



Figure 8o: Receive Supplies at HCR Work-list Screen

2. Click the Workitem No. link

The Receive Supplies at HCR Screen is displayed.



Figure 81: Receive Supplies at HCR Screen



Select from the drop down the **work-item type**link and **work-item status** and click **Search**

3. Browse and click Upload File

The Receive Unscanned Supplies Screen is displayed.

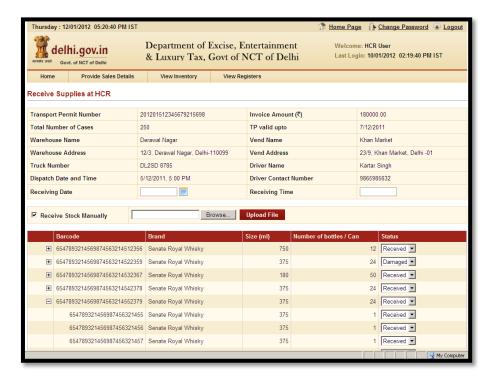


Figure 82: Receive Unscanned Supplies at HCR Screen

4. SelectReceived or damaged value from the drop down, and Submit

7.1.3 Receive manually without HHT (HCR)

This task is performed by HCR user. This section provides the steps to receive supplies manually i.e. without HHT,

To receive supplies manually,

1. Click on SCM->Receive Supplies at HCRlink

The Receive Supplies at HCR WorklistScreen is displayed

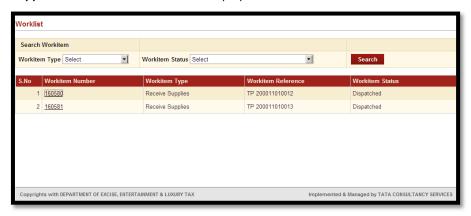


Figure 83: Receive Supplies at HCR Work-list Screen

2. Click the Workitem No. link

The Receive Supplies at HCR Screen is displayed



Figure 84: Receive Supplies at HCR Screen



Select from the drop down the **work-item type** and **work-item status** and click **Search**

3. Select the checkbox Receive Stock Manually

The Receive SuppliesManually Screen is displayed.

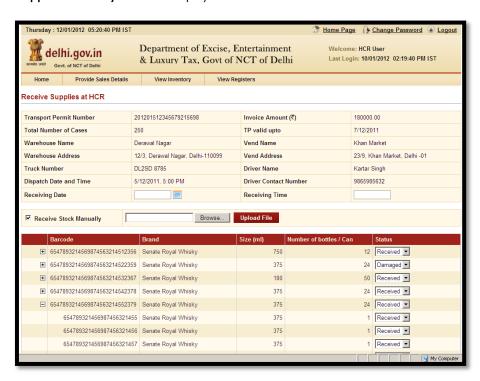


Figure 85: Receive Supplies Manually at HCR Screen

4. SelectReceived or damaged value from the drop down, and Submit

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7.2 Upload Sales Details at HCR

At HCR the stock is moved from the store to the sale counter. From there the stock is sold to the consumer.

You can either scan while issuing the stock to counter for sale or upload the file of sold cases/bottles.

7.2.1 Issue Stock for Sale (HCR)

The stock is scanned with the HHT and uploaded to ESCIMS, when being issued to the counter. This section deals with the steps to scan the cases/bottles with the HHT and upload the scanned files.

7.2.1.1. Scan file through HHT (HCR)

This task is performed by HCR user. The following are the steps to scan a file with the HHT at HCR:

To scan a file withthe HHT,

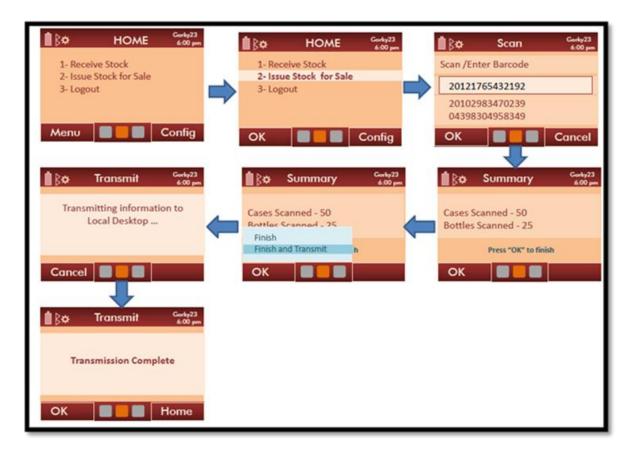


Figure 86: Sales Details at HCR Screen

- 1. Select Issue Stock for Sale, and press Ok
- 2. Scan bottle and case barcodes
- 3. Press Ok, after all scan are done
- 4. Press **Ok** to submit the information
- 5. Press **Ok**complete the transmission

7.2.1.2. Upload Scanned file (HCR)

Below are the steps to upload the scanned file at HCR:

To upload the scanned file,

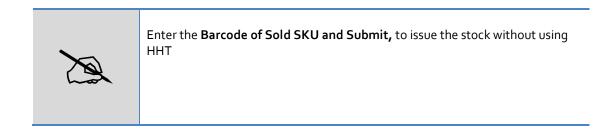
1. Click SCM->Sales Detailslink

The Sales Details at HCR Screen is displayed.



Figure 87: Sales Details at HCR Screen

2. Browse and upload the Sales Details File and click **Process**



Appendix A: Operating Environment

This section provides the details of the software and hardware environment used in ESCIMS.

Software Environment

Table 2: Software Environment

Operating System	Windows 7 with IIS
Database	SQL Express 2008
Other Software	Windows Mobile synchronization software MQ Client 7.1 .NET Framework 3.5 MQ Explorer Eclipse Wi-Fi
	Receipt Printer Driver

Hardware Environment

Table 3: Hardware Environment

Network Infrastructure	Router Built in switch connected to desktops
Communication Infrastructure	2MPLS link connected with the router
Other Hardware	UPS Hand Held Terminal 2D scanner Receipt printer Desktop machine PS2/Optical Mouse
	104Key Mechanical Keyboard

Appendix B: Feedback and Suggestions

You can provide your feedback and suggestions through any of the following:

Home: www.escims.com

Support: www.escims.com/support.htm

Email: delhi.excise@tcs.com Toll free no: +91-999999999