





Road Cargo System (ROCARS)

Briefing Seminar





# **CONTENT**

- Introduction
- Legal Background & Obligations
- Rollout Schedule





# CONTENT (Cont'd)

- How to submit cargo information in ROCARS
- Break
- New arrangement at land boundary kiosks
- Data Inheritance





#### 無疑 無疑 Seamless Clearance

# CONTENT (Cont'd)

- ROCARS registration
- Training
- Support and Assistance
- Q & A







# Introduction





## What is ROCARS

- An Information Technology system implemented by the government
- A platform for processing electronic advance road cargo information
- For customs clearance of road cargoes
- Free of charge for industry players





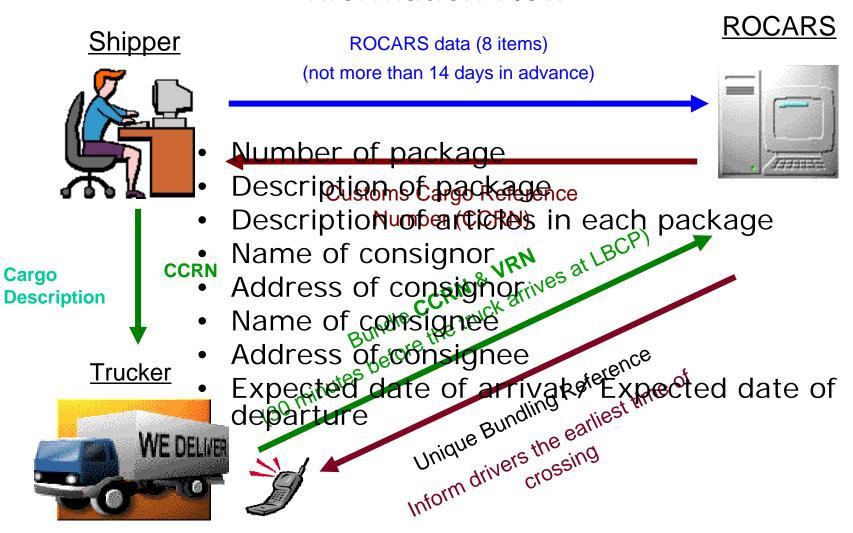
# **ROCARS** Users

- Shippers
  - Provide cargo information to ROCARS
- Truck Drivers
  - Bundling
- Agents
  - Act on behalf of Shippers and Truck drivers





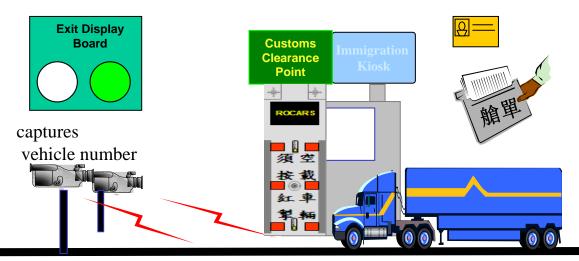
#### Information Flow







# **Seamless** Customs clearance at land boundary control points



- 1. Immigration clearance
- 2. Press unladen vehicle button, if it is unladen vehicle
- 3. Drop paper manifest





## **ROCARS** Benefits

- To keep abreast with global developments on electronic customs clearance
- Seamless Customs clearance
- Facilitate intermodal transhipment cargoes
- Data Inheritance Facilitation Function







# Legal Background & Obligations





# **ROCARS Legal Background**

- Import and Export (Electronic Cargo Information) Regulation has been gazetted on 16 Oct 2009 and was passed on <u>18 Nov 2009</u>
- Commencement notice will be gazetted soon to tie in with rollout date in early 2010





#### 無統建計構 Seamless Clearance

# ROCARS Legal Obligations (Shippers / Agents)

- Submit cargo information not more than 14 days in advance
  - ROCARS will generate a Customs Cargo Reference Number (CCRN)
- Furnish CCRN and Cargo Description to Truck Driver





# ROCARS Legal Obligations (Truck Drivers)

- Laden truck drivers
  - Performs "Bundling" in ROCARS:
    - CCRN
    - VRN

(at least 30 minutes before crossing)





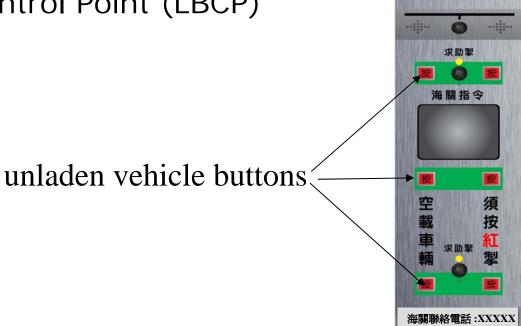
# ROCARS Legal Obligations (Truck Drivers) (Cont'd)

Unladen truck drivers

(No need to "bundle")

- Press unladen vehicle button at Land Boundary

Control Point (LBCP)









# Rollout Schedule





# **ROCARS Schedule**

- Rollout Date
  - First Quarter of 2010(Exact date to be announced shortly)

18 months transitional period

- Full Implementation date
  - Mid-2011(mandatory submission)





# 無為多言場

# How to submit cargo information in ROCARS





# **Submission Mode**

- By Computer
  - 3 kinds of language
    - English
    - Traditional Chinese
    - Simplified Chinese
  - 2 methods
    - Personal Computer
    - System-to-System Transmission
  - Security measures
    - Digital Certificate
    - PIN





# **Submission Mode**

- By Telephone
  - 3 kinds of language
    - Cantonese
    - Putonghua
    - English
  - 2 types of telephone lines
    - Mobile
    - Fixed Line
  - Security measures
    - Security Token
    - PIN





## Channels of submission

- Cargo information
  - www.rocars.gov.hk
    - Direct Input (Low Data Volume)
    - Batch Upload (Medium Data Volume)
  - System-to-System Submission (High Data Volume)
  - Self-help Kiosks
- Bundling
  - Interactive Voice Response System (IVRS)
  - www.rocars.gov.hk





# Seamless Clearance

Shippers, Truck Drivers, Agents



Portal Site -Direct Input

**Service Channels** 







Shippers, Truck Drivers, Agents



Self-help Kiosks

Shippers, Agents









System-to-System Interface

**Truck Drivers** 



Phone (Interactive Voice Response System)







# Self-help Kiosk Outlook



- USB Port
- DVD ROM Driver
- Floppy Drive
- Smart ID Card Reader
- Chinese Input Device
- Printer





# Self Help Kiosk Locations

Location	No. of Kiosk	Operation Hours
Land Boundary Command Headquarter (LBCHQ), Fanling, N.T.	1	Mon-Fri 0900 - 1800 hrs
Central Government Pier (CGP), Central, HK	1	24 hrs.
Duty Office, Lobby 9/F, Customhouse, 63, Kwai Chung, N.T.	1	24 hrs.
Customer Service Counter, Room 101, 1/F, Asia Airfreight Terminal, Chek Lap Kok, Lantau Island, N.T.	1	24 hrs.
Import Cargo Examination Hall, 1/F, Super Terminal One (ST1) Hong Kong International Airport, Lantau Island, N.T.	1	24 hrs.





# Self Help Kiosk Locations (Cont'd)

Location	No. of Kiosk	Operation Hours
Import Cargo Examination Hall, M/F, Express Cargo Centre (ECT), Lantau Island, N.T.	1	24 hrs.
*Customer Service Centre , Customs Headquarter Building, Hong Kong	5	To be confirmed
Customs ODCA office Lobby, 2/F, Harbour Building, Central, Hong Kong	1	Mon-Fri 0900 - 1730 hrs
Central Kowloon Post Office, Yau Ma Tei, Kowloon	1	Mon-Fri 0930 - 1800 hrs Sat 0930 - 1300 hrs
Tsim Sha Tsui Post Office , Tsim Sha Tsui, Kowloon	1	Mon- Sat 0900 - 1800 hrs Sun
* Tentative commissioning date is late 2010		0900 - 1400 hrs



#### 道路貨物資料系統 ROAD CARGO SYSTEM (ROCARS)

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Registration

Call Center

**Training** 

Self-help Kiosk

Publicity / Outreach

Login

**Online Demo** 

**User Manual** 

Information

Legislative **Documents** 

**FAQs** 

Contact Us



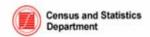
convenient, user-friendly and timesaving

























# Input of cargo data



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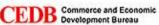
Legislative **Documents** 

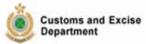
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convenient, user-friendly and timesaving



Census and Statistics Department























# 無縫清關

香港海關 Customs and Excise Department	道路貨物資料系統 ROAD CARGO SYSTEM (ROCARS)	Text Size: 🔼 A A   繁體 简体		
Enter your User ID and password. Do n enhance the security level of your according to the year accordi	ot disclose the password to anybody. You are strongly recommende unt.	d to change your password at least every 6 months to		
User ID *	801422			
Password *	•••••			
		Login Clear Cancel		

Single submission refers to submission of one consignment. You can also make use of the OpenOffice plug-in or Excel Template to upload not more than 999 consignments in batch.

- Input Single Submission
- O Upload Consignment in Batch

OK

Cancel

Select mode

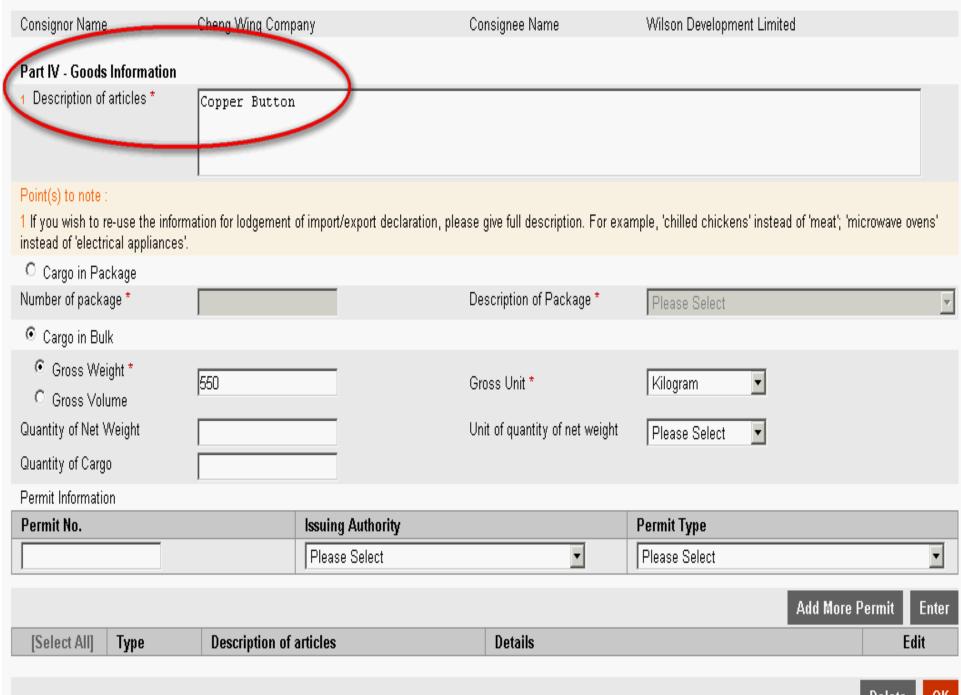




#### 無為多言認 Seamless Clearance

# Search draft You can input any searching criteria and click "search" to show the draft records(s) you had created. You can also click "search" only to show all records. Import/Export Please Select Message Sender's Reference Template New Search

Your company's reference for future searching



# Input Goods Items

#### $Part \ V - Transhipment \ Information$

Add Transhipment Details

Click to submit

#### Part VI - Other Information

Expected Control Point	Lok Ma Chau		
Seal No.	38448	Container No.	HJLS2345217
Unique Consignment Reference (UCR)		Equipment Size & Type Identification	Others
Message Sender's Reference	20091231-001		
		Save as Draft and Template	Save as Template Save as Draf Submit
			<b>→</b>

#### Submit

Please provide your digital certificate. Your action to submit cargo information shall be authenticated by the Road Cargo System in a secure manner.

Media for your digital ceriticate	<ul> <li>Smart ID Card</li> </ul>	
	<ul><li>File Location</li></ul>	Select certificate
	PIN	
		Sign Be ck
		Click to sign with Digital
		Certificate



#### 道路貨物資料系統 ROAD CARGO SYSTEM (ROCARS)

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#### Road Cargo System > Shipper (Company/Organization) > Submit

# Shipper (Company/Organ

#### Submit

Edit

Enquire

Download

Manage Digital Certificate

View Company **Particulars** 

Change Personal **Particulars** 

#### Submit

☑ You have successfully submitted the road cargo data to Customs & Excise Department. You are required by law to furnish the CCRN and Cargo Descriptions to the truck drivers as soon as possible. We strongly recommend you to print a copy of this page and provide to the truck drivers as well.

CCRN 2001067889 Valid Until 2009-11-16

#### Part I - Expected Arrival / Departure Date & Import/Export Indicator

Import/Export Export Indicator

Expected 2009-11-05 Departure Date

#### Part II- Consignor Particulars

Name CHAN Tai Man

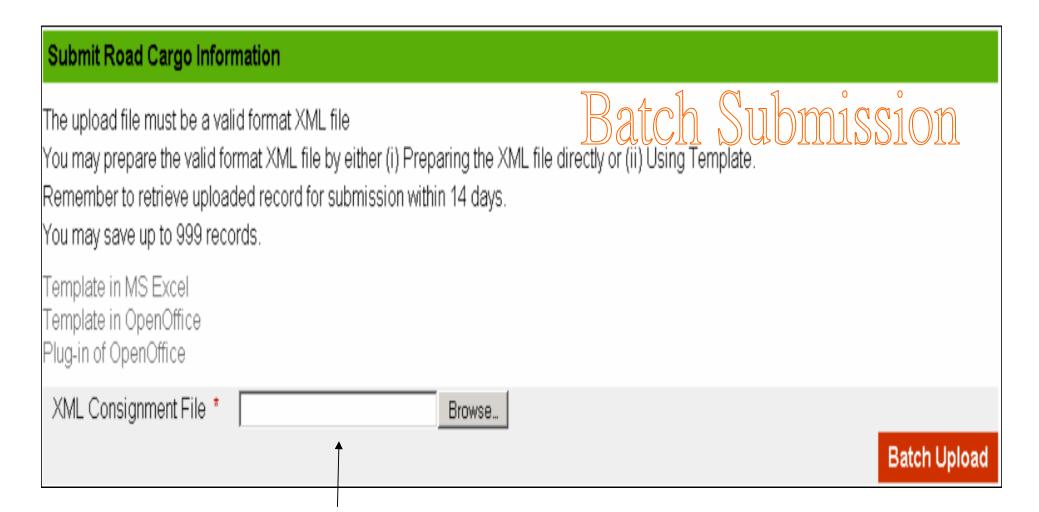
Country / Hong Kong Territory Code

Address Flat D, Pensula Building Tsim Sha Tsui

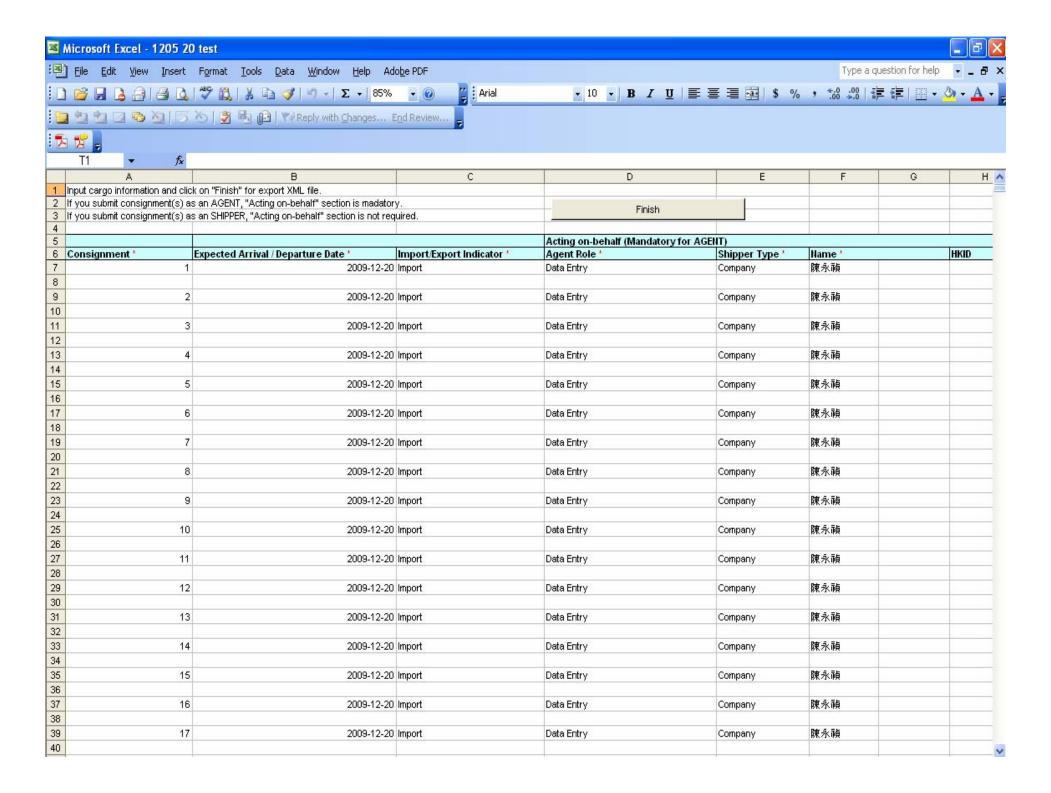
Name of Estate.

Print a hard copy to

truck driver



1. Insert batch file



### Submit Road Cargo Information

The upload file must be in valid XML format as specified by C&ED.

Batch Submission

Remember to retrieve uploaded record for submission within 14 days.

You may save up to 999 records.

XML Consignment File *	D:\consignment.xml	Browse	Batch Upload

2. Click to upload

#### Submit

Please provide your digital certificate. Your action to submit cargo information shall be authenticated by the Road Cargo System in a secure manner.

Media for your digital ceriticate	0	Smart ID Card		
	•	File Location	Select certificate	
		PIN		
			Sign	k
			<b>†</b>	

Click to sign with Digital Certificate





# Bundling





### **Submission Channels**

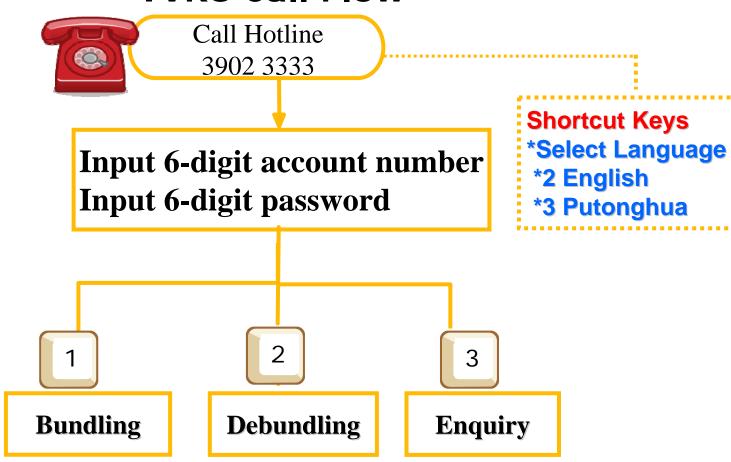
- By phone
  - Interactive Voice Response System (IVRS)
- By Internet





### 無縫清陽

### **IVRS Call Flow**

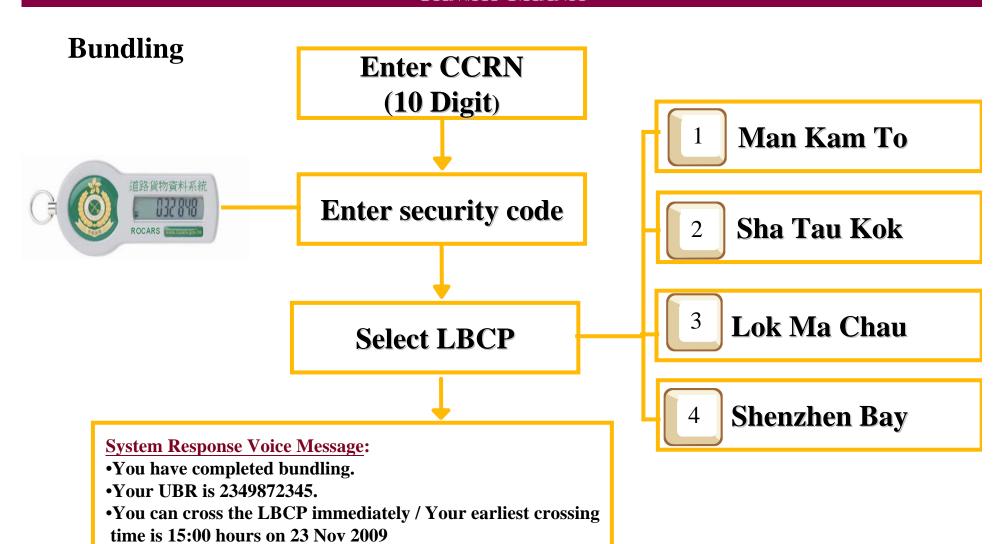


\*Cantonese by default





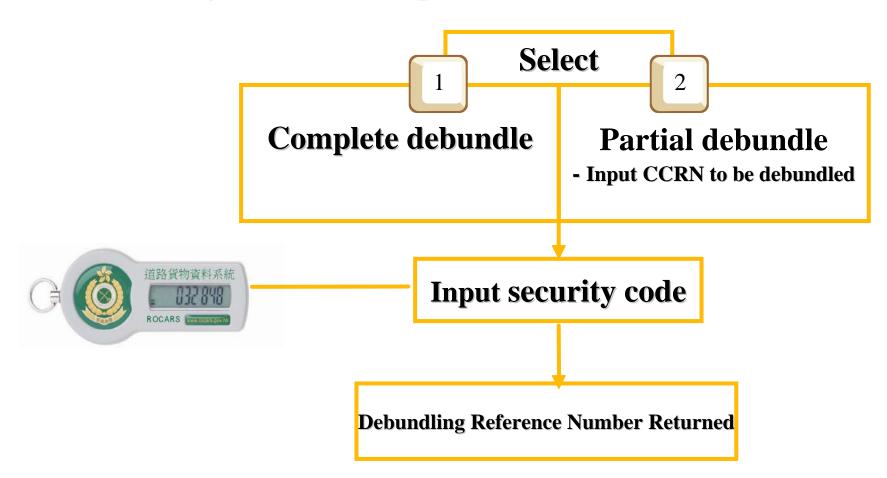
#### 無統建計算 Seamless Clearance







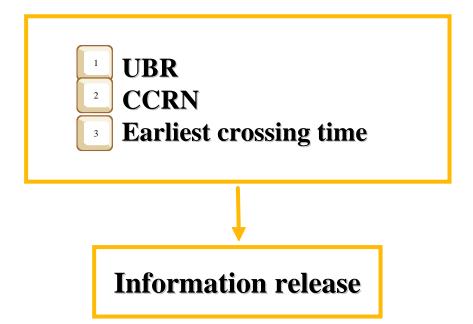
### Debundling (can directly press "2" in main menu)







### Enquiry (can directly press "3" in main menu)





#### 道路貨物資料系統 ROAD CARGO SYSTEM (ROCARS)

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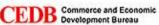
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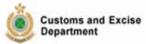
**FAQs** 

Contact Us











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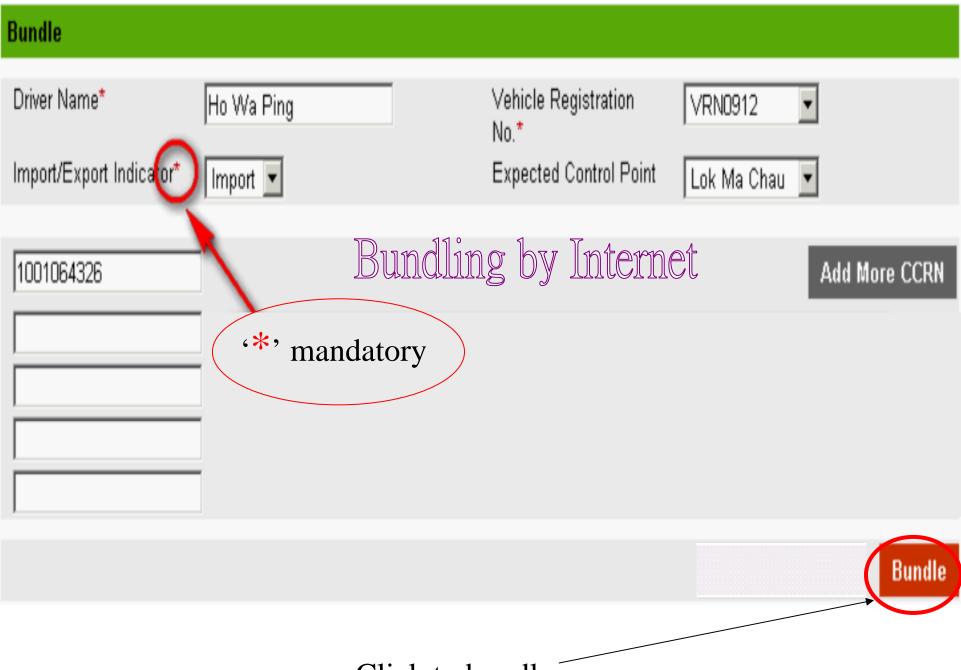


### Bundling



道路貨物資料系統 ROAD CARGO SYSTEM (ROCARS)

Text Size: A A A | 繁體 简体 Road Cargo System > Truck Driver > Bundle Bundle **Truck Driver** Vehicle Registration No.\* Driver Name\* Please Select 💌 Bundle Debundle **Expected Control Point** Import/Export Indicator\* Import 🕶 Please Select 💌 Enquire Bundle Information Add More CCRN Manage Digital Certificate Change Personal Particulars Switch Role to Shipper (Person) Change Password Bundle Logout **FAQs** Contact Us +852 18888888 or eMail Us Related Information C&ED page World Customs Organization



Click to bundle

#### Bundle

You have option to use Security Token or Digital Certificate to bundle.

C Please provide your digital certificate Your action to bundle CCRN shall be authenticated by the Road Cargo System in a secure manner.

Media for your digital ceriticate

Smart ID Card

File Location

PIN

Smart ID Card

C:\Documents and Settings\PCCW\Desktop\HKP Cert\
Select certificate

• Please provide your security passcode Your action to bundle CCRN shall be authenticated by the Road Cargo System in a secure manner.



#### Bundle

☑ The bundling of CCRN(s) with the vehicle is successful.

Unique Bundling Reference (UBR) No.	1001014161		
Bundling Completion Date & Time	2009-10-24 22:56:44	Earliest Allowed Boundary Crossing Date & Time	2009-10-24 23:26:44

Driver Name Vehicle Registration No. VRN0912 Ho Wa Ping Expected Control Point Import/Export Indicator Import Lok Ma Chau

#### CCRN to be bundled

CCRN	Goods Items	Submitted By	
1001064326	Copper Button; 550.000 Kilogram	Wilson Development Limited (International)	

**Print** Back

"Print" a hard copy by truck driver





# 無為多言場

# New Arrangements at Land Boundary Kiosk





### Seamless Clearance

### **Customs Instructions**

Simultaneous display of

全合一控制板

#### **Exit Display Board (XDB)**

司機指示版

(與入境處共用)

(Screen Size: 98 cm (W) x 98 cm (H))

**All-in-one Panel (AIOP)** 

(Screen Size: 21cm (W) x 15.8 cm (H))







#### 無統建計構 Seamless Clearance

#### **Customs Instructions on Visual Display Unit**



1. Welcome



2. Please Stop





#### 無疑為 Seamless Clearance

#### **Clearance Procedures for laden Trucks**

### 1. Immigration Clearance



2. Watch for CustomsInstructions(Drop paper manifest into drop-in box)





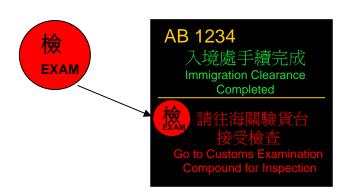


Customs Instructions on Visual Display Unit for laden trucks



3. Clearance Completed

OR



4. Go to Customs Examination Compound for Inspection





#### **Clearance Procedures for Unladen Trucks**

1. Immigration Clearance

2. Press "Unladen Vehicle" Button on the AIOP

3. Watch for Customs Instructions

(Drop paper manifest into drop-in box)





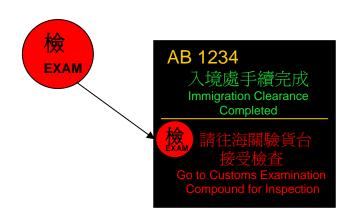
#### 無能計畫 Seamless Clearance

Customs Instructions on Visual Display Unit for unladen trucks



3. Clearance Completed

OR



4. Go to Customs Examination Compound for Inspection





### 無機多言關

#### "Help" Button for Truck Drivers

•Truckers to seek assistance



•Customs officers use for communication with truckers

"Help button with speaker / microphone below







# Data Inheritance





### Data Inheritance (DI)

- ROCARS and TDEC have some submission data in common
- Extract cargo data from ROCARS to users' computer
- Use function provided by Government Electronic Trading Services (GETS) Service Providers to complete DI for TDEC submission





### Reminder on using DI for TDEC

- Provide full description on goods in ROCARS
- Avoid broad terms
   e.g. "chilled chickens" instead of "meat",
   "microwave oven" instead of "electrical appliances"







# Registration





### Channels of Registration

- On-line Application
  - www.rocars.gov.hk
- Paper Registration Forms are available in:
  - ROCARS website
  - Hong Kong Post Offices
  - Call 36690000, 28157711 (Fax on Request)
- Paper Application
  - By Post to PO Box No.38, General Post Office
  - By Fax
    - 2364 9772
    - 2365 9755
  - By dropping into collection boxes at Hong Kong Post Offices





### Registration Procedures

- Online Application
  - Applicants can get the "Letter for collection of account" by the following ways
    - If applicants provided email information during online application process, system will automatically send an email with attachment of "Letter for collection of account" to applicant's email account
    - Applicant can also print the "Letter for collection of account" online
- By Post/By Fax/By dropping into collection boxes
  - Applicants can get the "Letter for collection of account" by Post





### **Forms**

- Registration Forms
  - Shipper Company / Organization (SC)
  - Shipper Person (SP)
  - Agent Company (AC)
  - Truck Driver (TD)
  - Shipper Company and Agent Company (SA)
  - Truck Driver and Shipper (Person) (TS)





#### 無疑 無疑 Seamless Clearance

### Forms (Cont'd)

- Change of Registration Information
  - Change of Information (CI)
  - Change of Message Signatory(ies) (CM)

Copies available at venue





### 無為建計

### Shipper/Agent Registration Brief Notes

- Each company should register with the ROCARS the followings
  - A Responsible Person (RP)
  - A maximum of 4 authorized Message Signatories (MS)





## **On-line Application**





www.rocars.gov.hk





### **ROCARS** Website - Registration



#### Part I Particulars of Applicant Company / Organization Name\* Training Company English 培訓公司 Chinese **Business Registration Certificate** 20090903 09 01 Business Registration No. 012 Expiry Date 2010 (YYYY-MM-DD) Business/Organization Address\* English Address Training Address Name of Estate, Street Training Estate and Number / Lot Number Name of Town / District / Hong Kong / Kowloon / New Training Town Hong Kong Island Territories Village Country/Territory Code Hong Kong Chinese 培訓地址 Address Name of Estate. Street 培訓邨 and Number / Lot Number Hong Kong / Kowloon / New Name of Town / District / 培訓城市 香港島 Territories Village 香港 Country/Territory Code







## Letter for collection of account



#### CUSTOMS AND EXCISE DEPARTMENT HONG KONG

Applicant: Wilson Developement Limited (International)

Flat 3433, Garden Industrial Center, 494 Castle Peak Road.

Tsuen Wan, New Territories, Hong Kong

Dear Applicant,

Invitation to complete registration formalities

C&ED's Application Number: A000964

Enquiry Telephone No. 3669 0000

Date: 2009-10-25

Road Cargo System (ROCARS) received your application as Shipper (Company / Organization). The following responsible person and authorized message signatory(ies) should come together to any one of the ROCARS Registration Centers listed below between 27.10.2009 and 17.11.2009 with this invitation letter, HKID Card(s) / Passport(s), the following supporting documents, and also the company / organization chop for completing the registration formalities.





### 無総建》青陽 Seamless Clearance

# Applicants in Person At Post Office

- Applicants in Person show up in person to any of the 16 Hong Kong Post offices with
  - Letter for collection of account
  - Required Documents as stated in the letter
- Applicants in Person Sign and receive a secured pack containing a User ID and Password





# Company Applicants At Post Office

- Responsible Person and Message Signatory(ies) show up in person to any of the 16 Hong Kong Post offices with
  - Letter for collection of account
  - Required Documents as stated in the letter
- Responsible Person and Message Signatory(ies) Sign and receive a secured pack containing a User ID and Password





# Hong Kong Post Offices for ROCARS registration

1. General Post Office

9. Kowloon Bay

2. Sheung Wan

10. Kwun Tong

3. Wyndham Street

11. San Po Kong

4. Kowloon Central

12. Sha Tin Central

5. Granville Road

13. Fo Tan

6. Tsim Sha Tsui

14. Tsuen Wan

7. Cheung Sha Wan

15. Yuen Long

8. Mong Kok

16. Tung Chung





## Special Registration Arrangement for Truck Drivers

- Collection of <u>security pack and security token</u> at
  - Either one of 16 Hong Kong Post offices

OR

 Shenzhen Bay Control Point (Outbound Examination Compound)





# Training





## **Training Courses and Materials**

#### Courses



## Self Learning



## **Training Materials**







### 無疑之情歸 Seamless Clearance

# **Training Period**

- Trainings are offered
  - Before rollout of ROCARS
  - During 18 month transitional period





# **Training Details**

Training Type	Expected No. of Class	Participants per session	Duration
Seminar	20	200	1.5 hours
Train-the-trainer	4	20	3 hours
Hands-on Training	40	20	1.5 hours





## **Classroom Training (PCCW Training Centre)**





Classroom Training Venue
PCCW Training and Development Centre in
Kwun Tong (70 Wan Hon Street, Kwun Tong,
Kowloon)





## Map of PCCW Training and Development Centre in Kwun Tong







### 無能計畫 Seamless Clearance

# Training Enrolment Procedures

- 1. Download enrolment form from C&ED Homepage or ROCARS Website
- 2. Fax to 2962 5258 to register
- 3. Receive confirmation of enrolment by Fax





### 

# **ROCARS** Website - Training



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**FAQs** 













# Support and Assistance

- www.rocars.gov.hk will be regularly updated
- Outreach Team
   (Download and fill in a reply slip from www.rocars.gov.hk)
- Hotline 3669 0000





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Q & A





# Thank You