行政院所屬各機關因公出國人員出國報告書

（出國類別：出國考察）

赴加拿大渥太華海關總署考察研討 WCO 共同資料項目 （Common Data Element）

出國人服務機關/職稱姓名：
財政部高雄關稅局： 課長　林上根
財政部關稅總局：　設計師 林義雄
財政部關稅總局：　設計員 林清和
財政部基隆關稅局：設計員 林俊甫

出國地點：加拿大渥太華
出國期間：九十二年十二月十五至十七日
報告日期：九十三年三月二日

DS/
C09300830

系統識別號:C09300830

公 務 出 國 報 告 提 要

頁數: 12　含附件: 是

報告名稱:
　　赴加拿大渥太華海關總署考察研討WCO共同資料項目（Common Data Element）

主辦機關:
　　財政部關稅總局

聯絡人／電話:
　　郭文娟／25505500-1126

出國人員:
　　林上根　財政部高雄關稅局　　課長
　　林義雄　財政部關稅總局　資料處理處　設計師
　　林清和　財政部關稅總局　資料處理處　設計員
　　林俊甫　財政部基隆關稅局　　設計員

出國類別: 考察

出國地區: 加拿大

出國期間: 民國 92 年 12 月 15 日 -民國 92 年 12 月 17 日

報告日期: 民國 93 年 03 月 02 日

分類號/目: D5／關務　D5／關務

關鍵詞: WTO，WCO，共同資料項目

內容摘要: 為因應加入世界貿易組織（WTO）之國際化情勢，並符合七大工業國（G7）及世界關務組織（WCO）DATA MODEL的規範，我國海關對於通關程序之簡化、資料項目之調和(Harmonization)與資訊之交流工作，以利無紙化跨國連線作業，並達國際性貿易之便捷化是無可避免的趨勢。 本代表團奉派加拿大渥太華海關總署參訪考察WCO共同資料項目，對於WCO共同資料項目(Common Data Element)的名稱、定義及其調和（Harmonization）對應方式等相關問題上獲得明確解答，對我國在比對WCO 共同資料項目的工作上，有相當大的幫助，會後並與加國人員協商雙方工作備忘錄及合作事宜。本次出國報告將針對此次出國參訪背景緣由、各日行程及工作紀要加以說明，最後並提出心得與建議。

本文電子檔已上傳至出國報告資訊網

目　　錄

壹、參訪背景說明

一、背景說明：

（摘錄自財政部關稅總局「貿易無紙化專題研究報告」）

民國九十年二月九日財政部以台財關字第○五五○○○四八號函指示本總局積極研究義大利、美國、德國、英國、法國、日本及加拿大等七大工業國（以下簡稱 G7）共同資料項目(Common Data Elements)納入關稅資料庫，俾利跨國連線作業。

另外，政府為因應加入世界貿易組織（以下簡稱 WTO）及迎接新經濟時代之來臨，由經濟部、交通部、財政部共同主辦之「建構新經濟數位貿易計畫」乙案，其中簡化通關程序、調合進出口報單與輸出入許可證、同意文件格式（單證合一）、輸入管理之簡化與自由化、推動與外國進行無紙化貿易之經驗交流與合作、推動中澳電子檢疫文件及報單資料交換先導計畫等，多與海關業務有關，須由海關配合辦理。

鑒於貿易無紙化／便捷化為亞太經濟合作會議（以下簡稱 APEC）主要推動項目之一，WTO 亦可能列為討論之議題，為順應世界潮流，海關實有成立專案小組預為研議之必要，遂成立「貿易無紙化專題研究小組」著手推動研究工作，並於九十一年九月完成「貿易無紙化專題研究報告」一書。

G7 對建立進出口「共同資料項目」與標準化電子格式已達成共識，並於 2000 年十二月於京都舉行之 G7 海關專家會議中訂定「京都關務資料原則（Kyoto Customs Data Principles）」該原則為首創之關務程序所需資料要件之國際性規則，預料未來將為京都公約第二。G7 關務規範已於 2002 年年初正式移交由 WCO 接續負責維護及推廣，我國海關並於九十二年完成 WCO DATA version 1.0 共同資料項目的比對工作。

二、參訪緣由：

　　但鑒於文化與語言的差異，我國海關在與 WCO 共同資料項目的比對工作上，對於共同資料項目的名稱及定義等調和(Harmonization)問題一直存在合適性的爭議，即困惑我方如此對應資料項目是否正確，因此希望能有國外專家的幫助，最好能邀集 G7 的專家來台講解討論有關 WCO 共同資料項目事項。

　　又因我國為 APEC 會員國，且我方在參加亞太經濟合作關務程序次級委員會（以下簡稱 APEC/SCCP）會議時承諾將於九十三年二月前接受 APEC/SCCP 共同資料項目技術工作小組檢視 WCO 共同資料項目實行情形，爰由關稅總局徵課處吳秀真君透過電子郵件與該技術工作小組主席（加拿大海關）Mr. Lorne Lawson 聯繫，L 君爰安排此次赴加拿大渥太華海關總署考察事宜。

本代表團遂由高雄關稅局林課長上根領隊，參加成員尚有關稅總局林義雄、林清和及基隆關稅局林俊甫等人，奉派加拿大渥太華海關總署參訪考察 WCO 共同資料項目等有關事項。

貳、行程及紀要

相關參訪行程由我方駐加拿大台北文化經濟代表處人員與加國海關人員敲定，如附件一所示，各日行程說明如下：

一、第一天（十二月十五日）行程：

上午由 APEC/SCCP 共同資料項目工作小組主席暨加拿大海關國際與國內合作處處長 Mr. Lorne Lawson 致歡迎辭外，並由系統作業處處長 Mrs. Rachelle May 簡報加拿大通關作業程序及簽審單一窗口流程（附件二）。

中午利用時間拜會駐加拿大台北文化經濟代表處由經濟組陳組長接待並向江簡任秘書文若妥善安排行程致謝。

下午參訪加拿大海關之資訊技術部門，由局長 Mr. Al Malo 及經理 Mr. Watson Seto 簡報加國通關自動化系統及其硬體架構等內容（附件三）。

二、第二天（十二月十六日）行程：

上午由加國參與 WCO Data Model 設計之技術經理 Mr. Eric Sunstrum 簡報 G7/WCO 共同資料項目調和之發展、加拿大與英國之先導測試計劃等內容（附件四），為利加方瞭解我國通關自動化作業現況，我方也由林設計師義雄簡報我國海關通關系統。

下午則針對我國進口報單對應 WCO 1.0 版 IM1 資料項目逐項

討論其合適性。

三、第三天（十二月十七日）行程：

　　整日延續第二天下午工作，逐項討論我國進口報單資料項目對應 WCO 1.0 版 IM1 之合適性。

　　雙方並於會後擬定工作備忘錄（附件五），後續合作事項如出口報單及進出口艙單未討論部分，加方願意透過電子郵件方式繼續提供協助。至於我方提出調和 WCO 共同資料項目時所遇到之相關問題，加方也回覆如附件六。Mr. Eric Sunstrum 並提供資料項目比對原則(附件九)之說明文件，供我方參考。

參、心得與建議

　　此次參訪赴加拿大渥太華海關總署考察研討 WCO 共同資料項目幸不辱使命，我等非常感謝加拿大海關及我國駐加拿大台北文化經濟代表處人員所提供的幫助，對於 WCO 共同資料項目(Common Data Element)的名稱、定義及其調和（Harmonization）對應方式等相關問題上獲得明確解答，對我國在比對 WCO 共同資料項目的工作上，有相當大的協助。

　　另透過加國通關業務人員的簡報資料，可約略瞭解加國海關的通關程序，對於我國通關程序之簡化與修正，可提供我國海關借鏡，爰提供此次參訪之心得與建議供層峰及各相關單位參考：

（一）加國之單一窗口介面(OGD Single Window)係由廠商上網向簽審機關申請輸出入許可，再由簽審機關傳送許可文件訊息至海關核銷，與我國現行簽審作業類似（詳附件二）。

（二）加國現行採二段式報關，即第一段申報簡易可供海關放行之資料，第二段申報可供計稅之資料，惟該國認為二段式報關會有資料斷層的問題存在（詳附件四），未來將採一段式報關以解決問題。

（三）加國目前提供私人企業或通關網路公司直接與海關連線，並有多達十五個通關網路公司存在。在收費方面，加國海關向

直接連線之業者，每年收取 250,000 加幣（約台幣六百五十八萬元）之網路連線費，並不付與通關網路公司任何費用。因此，我國海關在通關網路傳輸費用方面，應有檢討的空間。

（四）不論 WCO Data model 或加拿大與英國之先導測試計劃（詳附件四），皆使用 UCR（Unique Consignment Reference）以作為貨物的追蹤，我國海關通關相關訊息未來是否使用 UCR，建議由業務主管單位研議。

（五）此次參訪會後與加國擬定 WCO 共同資料項目雙方工作備忘錄（詳附件五）。鑒於比對 WCO 共同資料項目，除需資訊技術人員外，更需要熟悉通關業務者參與，為做好 WCO 共同資料項目比對工作及完成雙方工作備忘錄內容，海關應邀集熟悉通關業務及資訊相關人員組成 WCO 共同資料項目進口報單、出口報單、艙單三組研討工作小組。

（六）此次參訪會後曾口頭徵詢加拿大海關國際與國內合作處處長 Mr. Lorne Lawson 邀請加國 WCO 共同資料項目專家來台進行技術交流之意見，L 君稱我方可以電子郵件或正式函邀請。為加強台加雙方海關交流，職等建議我國應邀請加國 WCO 共同資料項目專家來台進行技術交流，促進雙方海關關務合作。

（七）另駐加拿大代表處經濟組於拜會時提出，偶需函海關提供台

　　　加進出口統計資料，建請國內海關於第一時間提供最新資

　　　料，以利於最佳時效推動台加兩國經貿業務。

附　　件

參訪加拿大渥太華海關之行程

Visit to the Canada Customs and Revenue Agency (CCRA) by

CHINESE TAIPEI CUSTOMS

December 15 - 17, 2003

PROPOSED PROGRAMME

December 15, 2003
Ottawa

LOCATION: SIR RICHARD SCOTT BLDG., 191
LAURIER AVE. W.
9TH FLOOR BOARDROOM

10:00 – 10:15 **ARRIVAL OF THE DELEGATION**
LORNE LAWSON, DIRECTOR, STRATEGIC INTERNATIONAL AND
DOMESTIC RELATIONS DIVISION, PROGRAM STRATEGY
DIRECTORATE

Welcome and opening remarks

10:15 – 10:45 **SINGLE WINDOW INITIATIVE**
RACHELLE MAY, DIRECTOR, SYSTEMS OPERATIONS DIVISION,
MAJOR PROJECT DESIGN AND DEVELOPMENT DIRECTORATE

Introduction and overview of the CCRA's Commercial Systems,
ACROSS, and OGD Single Window Interface

10:45 – 11:00 **COFFEE BREAK**

11:00 –12:00 **SINGLE WINDOW INITIATIVE (CONT'D)**

12:00 – 14:00 **LUNCH**

14:00 –14:30 TRANSPORTATION TO BILLINGS BRIDGE TOWER
14:30 –16:30 **LOCATION: BILLINGS BRIDGE TOWER**
09-0907, 2323 RIVERSIDE DRIVE

IT SYSTEMS
INFORMATION TECHNOLOGY DIRECTORATE
Introduction and overview of the CCRA's IT Systems

S DAY

Visit to the Canada Customs and Revenue Agency (CCRA) by
CHINESE TAIPEI CUSTOMS
December 15 - 17, 2003
PROPOSED PROGRAMME

December 16, 2003
Ottawa

LOCATION: SIR RICHARD SCOTT BLDG., 191 LAURIER AVE. W.
9TH FLOOR BOARDROOM

09:00 – 10:30   INTRODUCTIONS AND CCRA PRESENTATION
ERIC SUNSTRUM, MANAGER, INTERNATIONAL INITIATIVES, ADVANCE COMMERCIAL INFORMATION DIVISION, MAJOR PROJECT DESIGN AND DEVELOPMENT DIRECTORATE

Welcome, introductions and presentation on CCRA implementation of WCO Data Model.

10:30 – 10:45   COFFEE BREAK

10:45 –12:00   CHINESE TAIPEI PRESENTATION AND REVIEW OF DOCUMENTATION

Presentation by Chinese Taipei on The Roadmap to Customs Automation and review of Chinese Taipei Documentation.

12:00 – 13:00   LUNCH

13:00 –14:30   DATA PRINCIPLES

Discussion on Data Principles.

14:30 – 14:45   COFFEE BREAK

14:45 –17:00   DATA DICTIONARY

Workshop on creating a Chinese Taipei Data Dictionary.

'S DAY

12

Visit to the Canada Customs and Revenue Agency (CCRA) by
CHINESE TAIPEI CUSTOMS
December 15 - 17, 2003
PROPOSED PROGRAMME

December 17, 2003
Ottawa

LOCATION: SIR RICHARD SCOTT BLDG., 191 LAURIER
AVE. W.
9ᵀᴴ FLOOR BOARDROOM

09:00 – 10:30 CUSTOMS PROCEDURES AND DATA SET WORKSHOP
ERIC SUNSTRUM

Workshop on Review of Customs Procedures and Development of
Individual Data Sets.

10:30 – 10:45 COFFEE BREAK

10:45 – 12:00 DATA MODEL DEVELOPMENT

Workshop on Developing a Data Model.

12:00 – 13:00 LUNCH

13:00 – 14:30 OVERVIEWS

Overviews on EDI Messages and Mapping, Implementation Strategies,
and WCO Data Maintenance Procedures.

14:30 – 14:45 COFFEE BREAK

14:45 – 17:00 OVERVIEWS (CONT'D) AND CONCLUSION

;S DAY

CANADA CUSTOMS

THE COMMERCIAL PROCESS

October 2003

- Commercial Process – Cargo Reporting, Release, Entry and Accounting
- Accelerated Customs Release Operations Support System
- OGD Single Window Interface
- Lessons learned
- The Customs Action Plan - Our Future Direction

Revenue Canada

THE CUSTOMS COMMERCIAL PROCESS

THE CUSTOMS COMMERCIAL PROCESS

CARGO REPORTING | RELEASE | ENTRY AND ACCOUNTING

Carriers submit cargo documentation
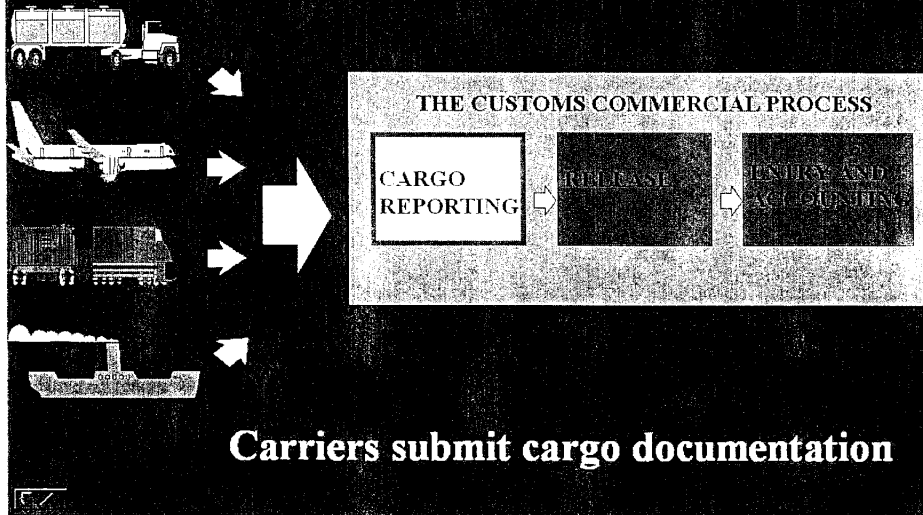
MARINE CARGO REPORTING

- Captures over 80% of all marine cargo documentation
- Paper savings of over 250, 000 pieces per year
- Mandatory EDI Spring 2004

100%

99   04
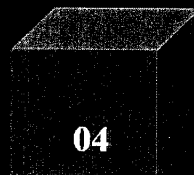
RAIL CARGO REPORTING

- Captures approximately 80% of rail cargo documents
- Eliminates over 1 million pieces of paper annually
- Opportunities to automate export and re-manifest

THE CUSTOMS COMMERCIAL PROCESS

THE CUSTOMS COMMERCIAL PROCESS

CARGO REPORTING ⇨ RELEASE ⇨ ENTRY AND ACCOUNTING

Importers/Brokers submit release data
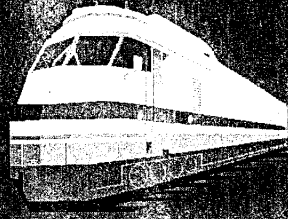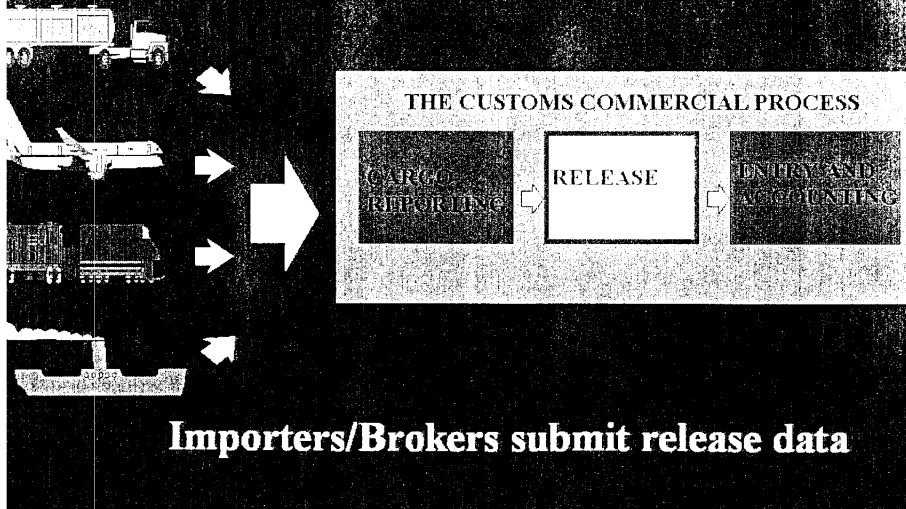
RELEASE ON MINIMUM DOCUMENTATION PRIOR TO PAYMENT

- A simplified method of releasing commercial
- No duties are collected at the time of release
- Final accounting and payment of duties take place after the release of goods
- all importers/brokers who have posted security with the Department and who meet

LINE RELEASE

- Fast release of commercial imports at customs highway offices
- Currently only highway mode
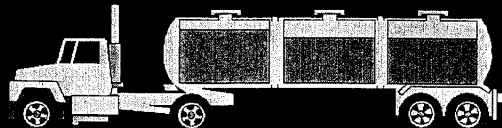
LINE RELEASE

- Pre-Arrival Review System (PARS)
- Frequent Importer Release System (FIRST)
- Inland Pre-Arrival Review System (INPARS)
- Customs Self-Assessment (CSA)

LINE RELEASE

- Programs make use of facsimile and "Bar Code Technology"
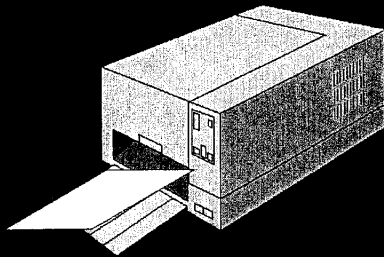
RELEASE NOTIFICATION SYSTEM (RNS)

- It provides brokers importers, carriers and warehouse operators with electronic notification of Customs releases.

- Utilizes UN/EDIFACT CUSRES

RNS:
Description

The CUSRES message contains the following data elements which are transmitted to the RNS participant.

130763849503

- Transaction number

6105E000930518

- Cargo Control Number

- Date of Release

- Time of Release

- Customs Release office number

Customs Self-Assessment (CSA)

- New Service Option for low risk importers
- Approved Carriers and Drivers
- No data sent in advance
- 3 Bar codes at highway arrival

THE CUSTOMS COMMERCIAL PROCESS

THE CUSTOMS COMMERCIAL PROCESS

CARGO REPORTING → RELEASE → ENTRY AND ACCOUNTING
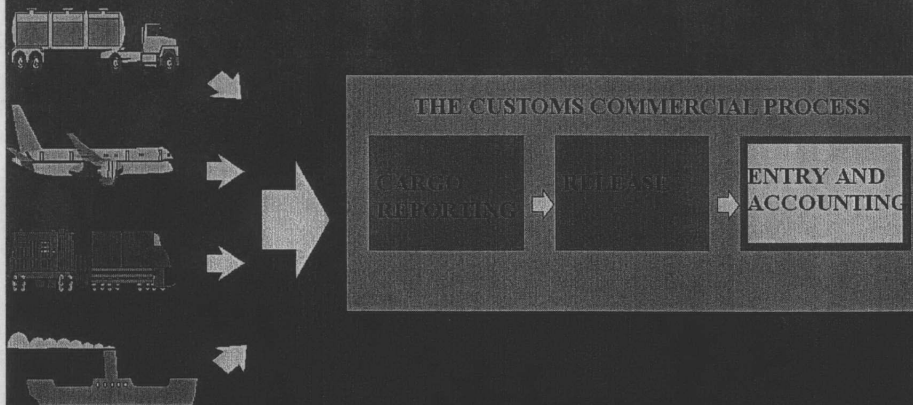
Importers and brokers submit accounting and statistical data

ACCOUNTING

- Final accounting packages have to be presented no later than five business days after goods are released
- A late accounting penalty will be applied to each shipment

ACCOUNTING (con't)

- Duties can be paid monthly or interim payments can be made based on the daily statements we provide.
- Accounting packages are processed between the 25th of one month and the 24th of the following month. Payment is due on the last business day of that month.

CADEX/CUSDEC
Customs Automated Data EXchange

- Importers/brokers electronically transmit and receive Customs entry and accounting data
- CADEX transmissions are direct between the client and Customs
- CUSDEC transmissions use VANS

CADEX/CUSDEC

- 12 Million entries per year
- 98% participation
- 20 million pieces in paper savings

98%

2%

22

Entry Selection and Adjustment

Entry Selection is an automated process of the CCS which flags transaction numbers for review (SIMA).

The selected entries sent to a Specialist for review and adjustment if necessary.

These entries are selected according to relationships which are created regionally and at HQ in order to select entries based on the importers' past performance and concerns regarding the commodities being imported.

The trend is now to move to audits rather than transactional review.

Redress and Refunds
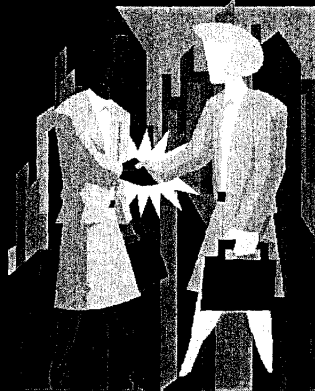
- Importers can request adjustments
- Refunds or re-assessment made in CCS
- Payment issued

Accelerated Commercial Release Operations Support System

ACROSS
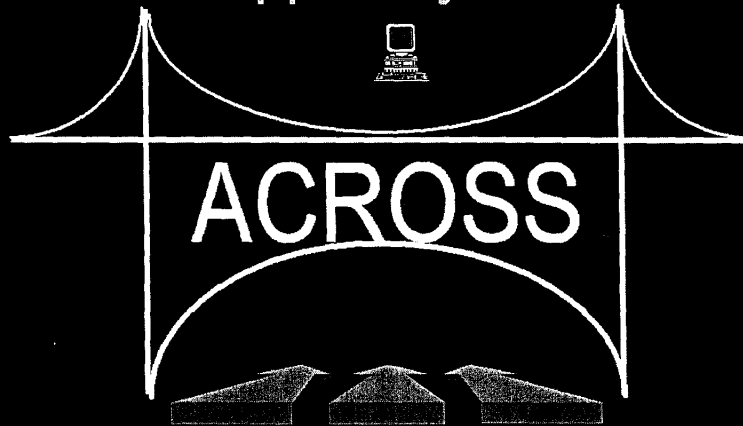
System Features

- **EDI Release**
- 7/24 EDI Processing Centres
- Two Port Processing of EDI Requests
- National Implementation of EXCAPS
- Better Targeting

An Example of
EDI Release
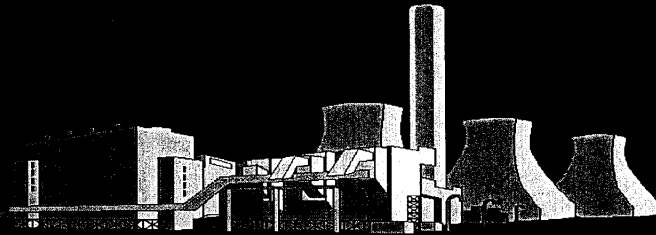
ABC COMPANY

ABC COMPANY

EDI Order

U.S. SUPPLIER

- EDI Acknowledgment
- EDI Invoice
- EDI Shipment Details

Transmitted Data Elements

- Customs Office Number
- Business/ Importer Number
- Importer Name, Address
- Vendor Name, Address
- Transaction Number
- Country of Origin
- Country of Export
- Description

- Shipment Quantity
- Shipment Quantity Qualifier
- Release Type
- Total Transaction Value
- Cargo Control Number
- Weight
- H.S. Code (mandatory for one commodity)

Pre-Arrival Risk Assessment

☑ **Passes Validation**

☑ **Good Client Profile**
☑ **Meets Departmental and OGD Requirements**
☑ **No match with Departmental or OGD Targets**
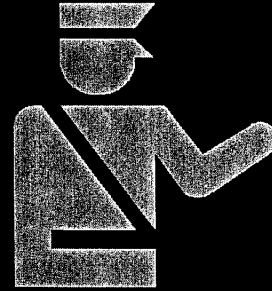
CI Reviews Data On-line and Recommends Release

Truck Carrying ABC Company's Shipment Arrives at Canadian Border

CUSTOMS PACIFIC HIGHWAY
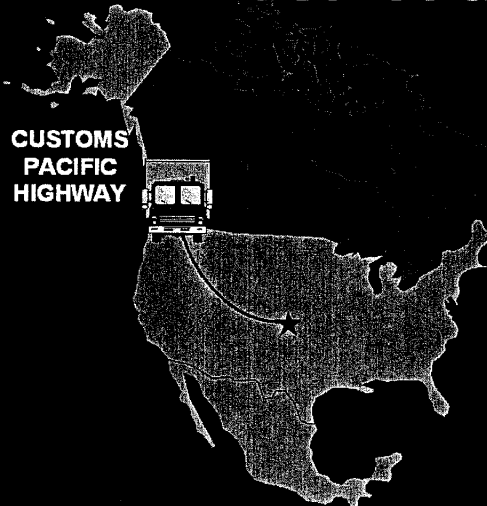
Carrier Arrives At PIL

Presents the necessary documents with a bar coded number to Customs Inspector who wands it in.
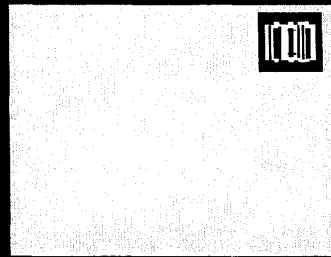
Risk Assessment at Arrival

☑ **No match with any *new* Departmental or OGD requirements**

☑ **No match with any *new* Departmental or OGD targets**
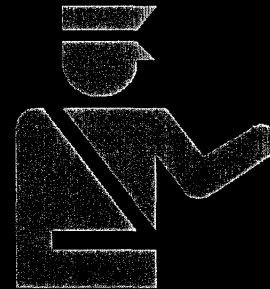
CI enters Release Decision

CUSTOMS

Release
Notification
via a VAN

X.Y.Z.
BROKERS
and/or
WAREHOUSE
OPERATOR

Release info can also
be accessed through the
CADEX or RNS systems.

7-24 EDI Processing
Centres
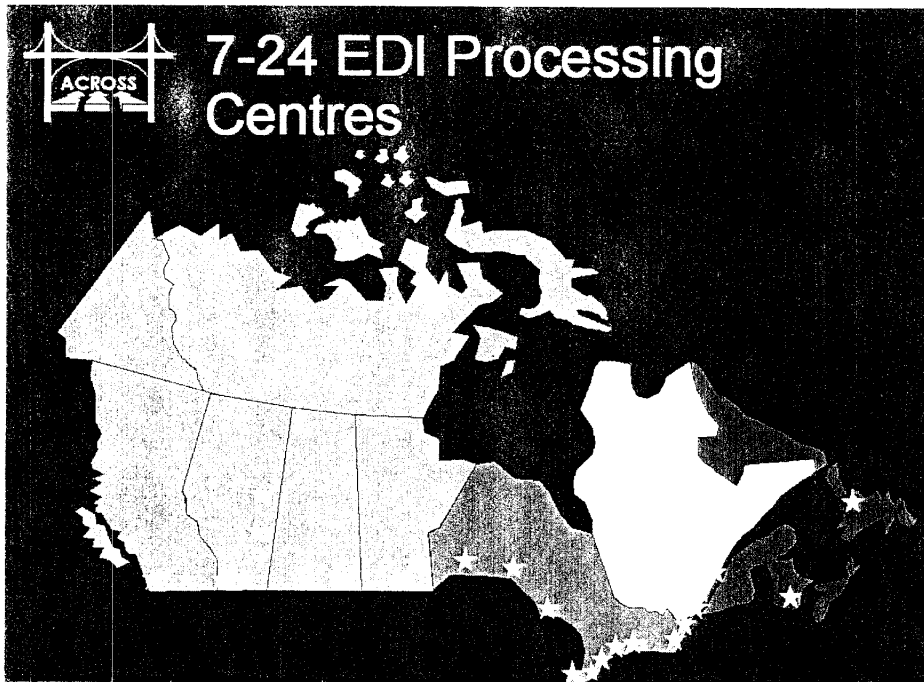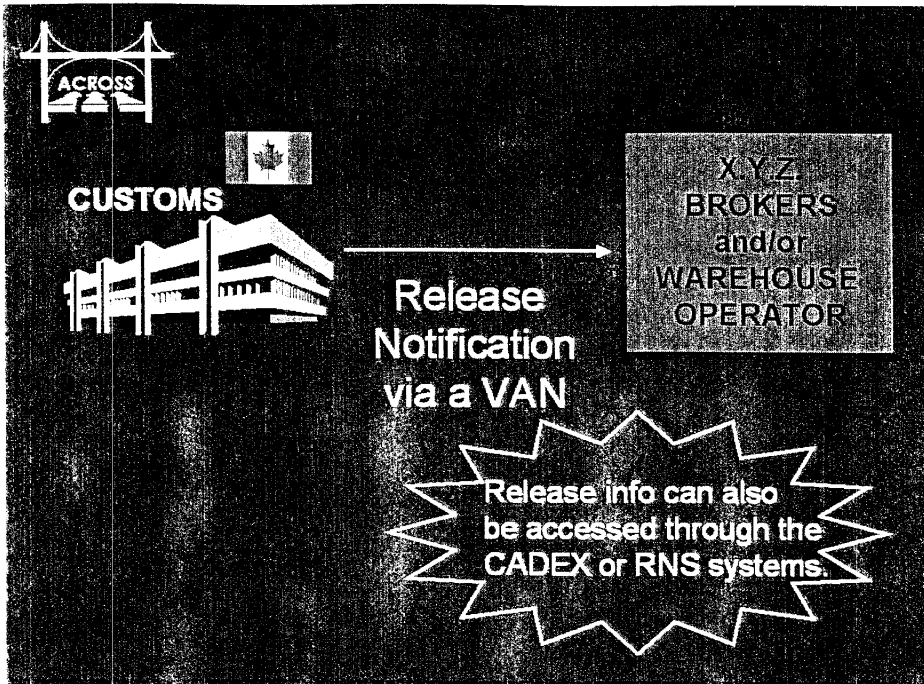
System Features

- Better Targeting - we focus on high risk shipments - expediting the release of low risk shipments

- Targeting up to 8 data elements such as BN number, HS code, Port of entry, Country of origin etc

ACROSS EDI Release How to Participate

- Getting Started
- Participant Registration
- Client Representative
- Testing Requirements
- Client Costs
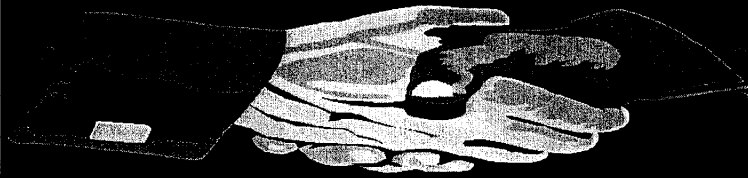
Testing Requirements

- Internal Client Testing
- Network Testing
- Application Testing
- Production Migration
- Implementation
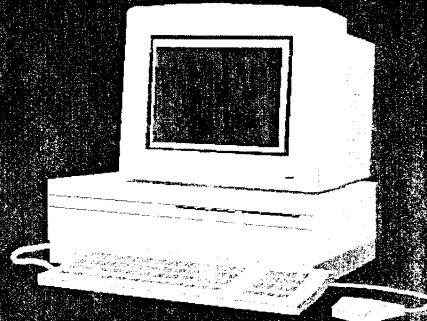
Other Government Departments

October 2003

VISION - OGD Single Window

A common Electronic Commerce based interface between ACROSS and participating OGDs' systems

Client

Revenue Canada GATEWAY

ACROSS

Release Data

Canadian Food Inspection Agency

DFAIT

Atomic Energy

Environment Canada

Health Canada

Industry Canada

Natural Resources

Transport Canada

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Revenue Canada
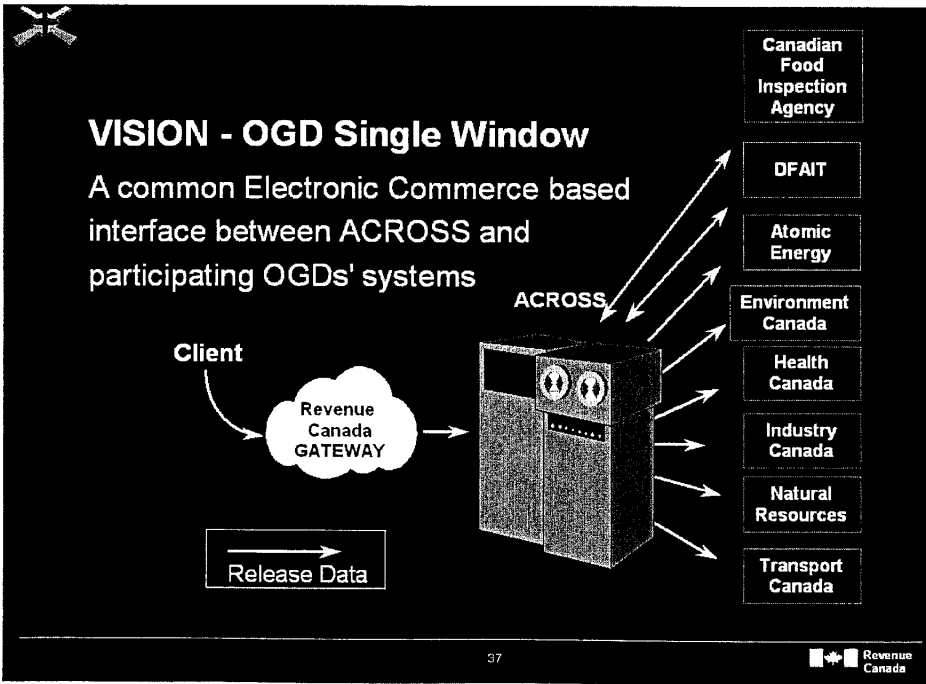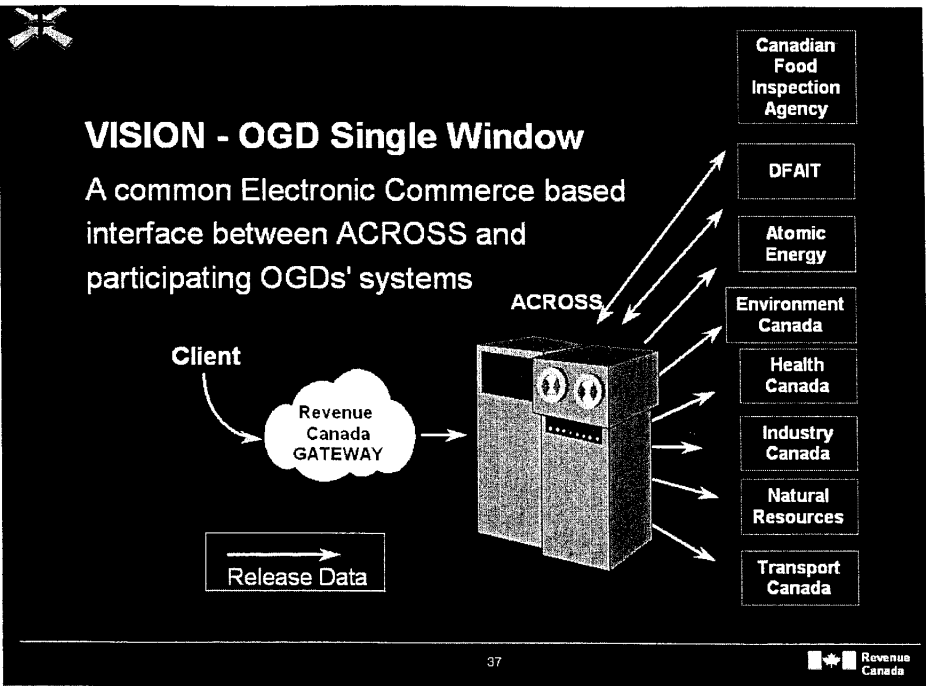
DFAIT Import Permit Process

✓ Process implemented with ACROSS to allow clients to transmit releases requests for importation's with DFAIT import permits

  ♦ Permit transmitted to ACROSS

  ♦ Customs Officer validates permits and releases goods

  ♦ DFAIT receives EDI notice

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Revenue Canada

Increase OGD participation

♦ Working in partnership with OGDs and clients to develop and implement re-engineered processes

♦ Evaluating technical and legislative changes/impacts

♦ Focus on harmonization of data elements using OGD Service Option with generic fields.

♦ Building interface between ACROSS and OGDs

♦ Testing with clients and OGDs

♦ Pilot implementation - phased-in approach

♦ National implementation

40

Revenue Canada

CFIA - Active Process Flow

Shipper/Exporter

AIRS

Imp/Broker

- Shipper/Exporter sends data to importer
- I/B prepares EDI requests (including CFIA data elements and transmits to Customs
- CFIA transmits decision back to ACROSS
- Customs makes the final decision and transmits decision notices to I/B and CFIA

Final Decision

ACROSS/Customs

CFIA

EDI Release

EDI Release

CFIA Decision

Final Decision

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Revenue Canada

Passive - Process Flow (Transport and NRCan, Industry Canada)

Shipper

Importer/Broker

Internet

Participating OGDs

Revenue ACROSS

1. Shipper/Exporter sends data to I/B.

2. I/B prepares and transmits **release information** including OGD requirements to ACROSS

3. ACROSS validates the OGD requirements based on HS Codes

4. Customs makes final release decision and transmits **notices** to I/B and OGD.

42

Revenue Canada

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Client Benefits

* Opportunity to increase EDI volumes (Preferred Service Standards for EDI)
* Consistent treatment of Shipments with OGD requirements - streamlining release process -
* Opportunity to eliminate sub-agents to present paper at customs offices.
* Overall reduction in processing costs

43   ■✦■ Revenue Canada

Future Direction

* Customs Action Plan –
  * Customs Self-Assessment (CSA/FAST)
  * G-7 one step initiative
  * Assess the future direction for OGD interfaces
  * Continue the dialogue between Canada and the United States

44   ■✦■ Revenue Canada

加拿大通關自動化系統架構之簡報資料

ICSISID

Chinese Taipei Delegation Briefing
Customs Systems

December 2003

Canada Customs and Revenue Agency

ICSISID

Organizational Context
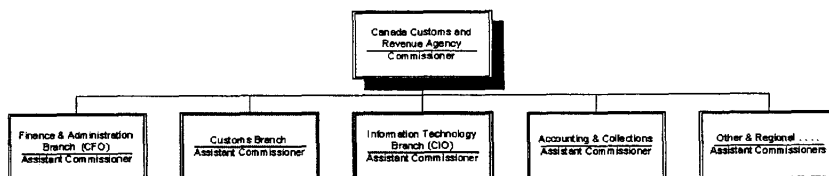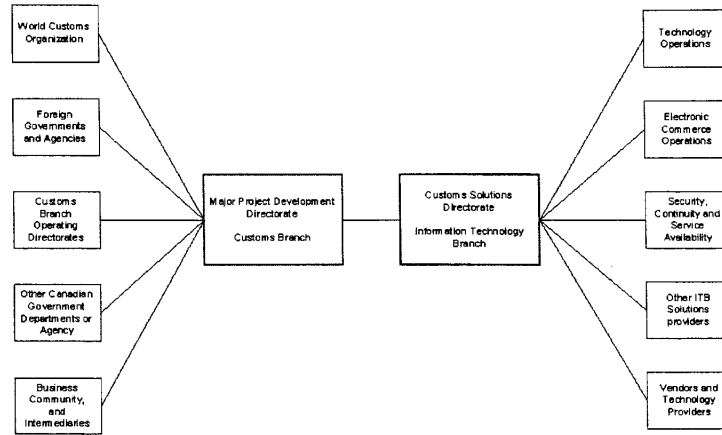
→ **Customs Action Plan**
- Early 2000
- Comprehensive plan for modernization of the Customs Systems including provision for establishment of a new technology platform
- Some initiatives are partnerships of CCRA and CIC

→ **Shared Border Accord**
- Post Sept 11, Canada / US joint initiatives to strengthen border security
- Harmonized programs and aggressive development timelines
- Results in more advanced reporting, risk analysis, communication and data sharing
- Interagency cooperation involving Customs and Immigration authorities in both countries

→ **Information Technology Branch Impacts**
- Development staff increased from 150 to 300
- Investments made to ensure high availability of Customs Systems
- Increased demands for connecting officers in remote locations and communication links to other entities such as CIC and US Customs and airlines

→ **Mainframe Systems**
- Mainly commercial systems
- CICS, Cobol, DB2, IDMS

→ **Distributed**
- Variety of Client/Server technologies
- Travelers, Postal etc..

→ **Integrated Customs Systems (ICS)**
- Java, DB2 and web presentation layer
- Currently on Webshpere and moving to new enterprise standard, Web Logic
- Part of the Customs Action Plan
- To host most new development of Customs Systems and will be the base for re-engineering existing systems

→ **Customs Management Reporting System**
- Implemented using new enterprise standard tools – Cognos
- Web presentation layer

→ **Commercial Systems**
- Customs Self Assessment
- G7 and One Step
- Marine in Transit
- Mandatory EDI and Risk Scoring

→ **Traveler Systems**
- Canpass-Air using iris biometric, Global Enrolment, Global Query, Nexus-Air
- Nexus-Highway using license plate and proximity card readers
- API/PNR using airline data on arriving passengers
- Integrated Primary Inspection Line using new passport readers

→ **Integrated Customs Systems (ICS)**
- Java, DB2 and web presentation layer now established
- Key initiatives have been deployed on this platform including AMPS, IPIL, Canpass-Air, API/PNR
- Web presentation is very flexible to deploy

→ **Customs Management Reporting System**
- G11 replacement
- Reports for all major new initiaves

Customs Electronic Commerce

Overview

December 2003

Agenda

☑ Customs Internet Gateway

☑ Volumetric information

☑ ACROSS Overview

☑ Customs Commercial Process

☑ Recent and Future developments

Customs Internet Gateway

☑ Open Interface with a published specification

☑ Community of experts are setting direction.
CCRA facilitates connection

☑ Large corporations may choose a direct connect
option at their own cost.

☑ Smaller players utilize VANs, X.25 or Internet
options

CCRA ADRC

Volumetrics

☑ Currently the Customs Commercial System
processes:
EDI entries   14,170,822

☑ **The ACROSS application processes:**
Releases   4,073,403, (36.56%)
EDI Releases   7,067,583   (63.44%)
Total Releases 11,140,986

CCRA ADRC

ACROSS Process
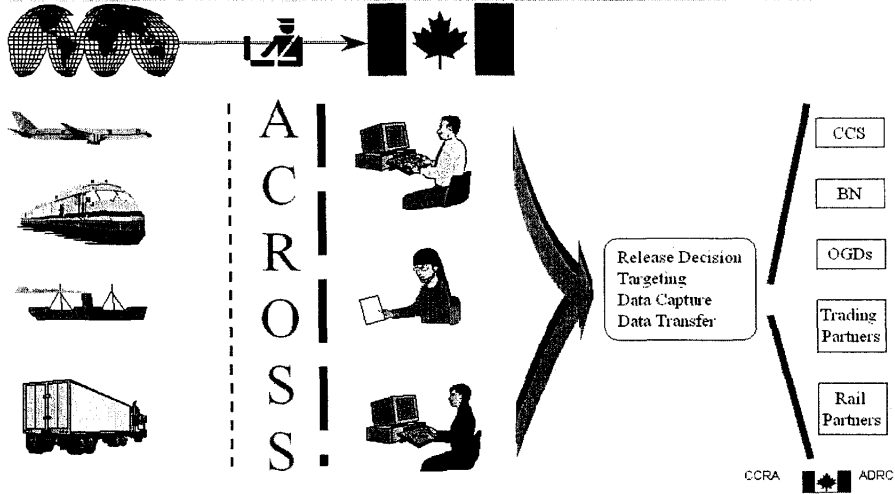
Customs Commercial Process
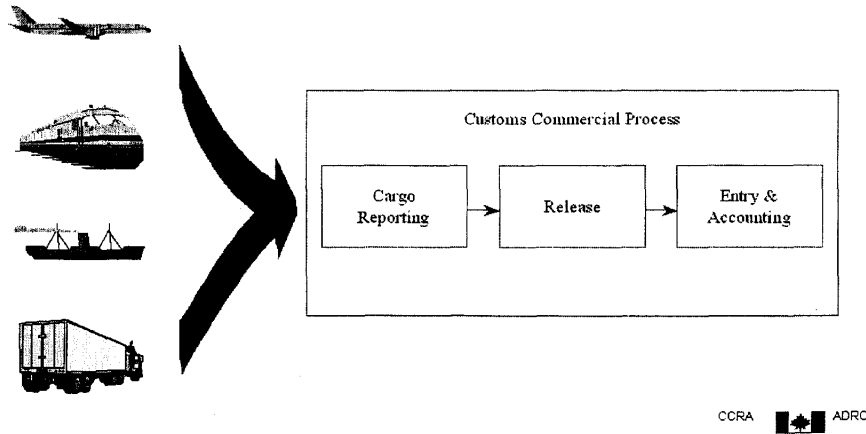
Logical Overview
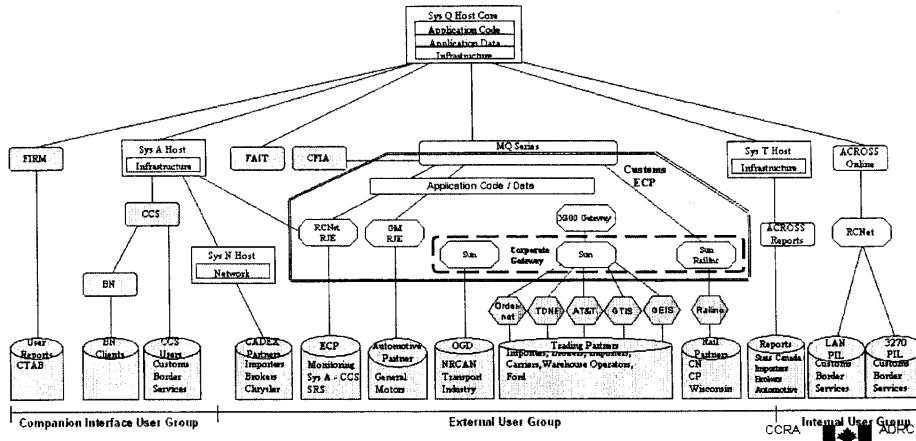
Recent and Future Developments

☑ Expanding to electronic export data capture

☑ Mandatory EDI starting for Marine shipments April/2004

☑ Risk Assessment processes being developed to further advance the electronic intelligence capabilities. Links to other internal systems (ICES, AMPS, BN) as well as RCMP and Immigration data repositories

CCRA ▮✦▮ ADRC

G7/WCO 共同資料項目調和發展之簡報資料
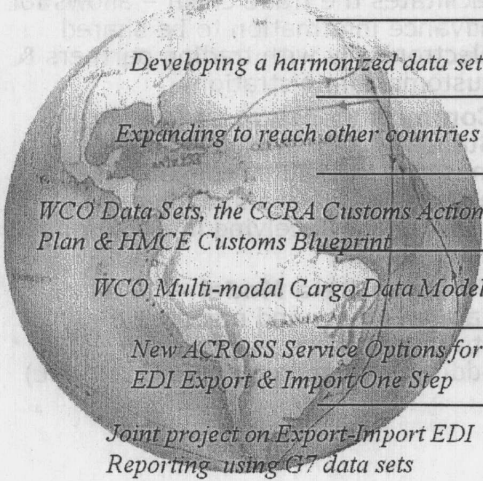
G7 Initiative
WCO Data Model and Electronic Messages for Customs

Developments within CCRA and the WCO on harmonized data elements for commercial shipments

Presentation to

Chinese Taipei Customs

December 2003

Topics

Developing a harmonized data set	G7 Initiative (Data Sets)
Expanding to reach other countries	WCO Data Model Working Group
WCO Data Sets, the CCRA Customs Action Plan & HMCE Customs Blueprint	Customs Action Plan / Customs Blueprint
WCO Multi-modal Cargo Data Model	ACI & EDI Cargo Reporting
New ACROSS Service Options for EDI Export & Import One Step	G7 Service Options Import & Export
Joint project on Export-Import EDI Reporting using G7 data sets	Canada – UK G7 Prototype

CCRA - G7 INITIATIVE

2

G7 Initiative
WCO Data Model Working Group

G7 Data Sets/Messages adopted as version 1 of WCO Data Model

✓ WCO Data Model Working Group set up to continue work started under G7 Initiative

✓ Data Compatibility

✓ Common Protocol (EDIFACT)

✓ Easy expansion from Import to Export

✓ Quicker deployment in other countries

- G7 Data Sets finalized and handed over to WCO for maintenance and promotion – December 2001
- Canada/UK represented at WCO Data Model Working Group:
  - Assist other WCO customs administrations in identifying data requirements & understanding WCO Data Model
  - Expand data model to include OGD requirements
  - Explore new technology standards (XML)
  - Business Process Modeling with industry

CCRA - G7 INITIATIVE

5
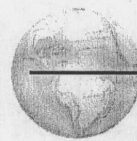
G7 Initiative
Security of Shipments

✓ WCO Data Model contains CSI data elements

✓ Marine Security identified as high priority

✓ WCO Security Task Force identified 27 data elements from Data Set as "key" for assessing risk

- Security agenda became a focal point
- Impact of 9/11 on international goods movement
- Supply Chain security:
  - CSI
  - CTPAT
  - WCO Security Task Force
  - Implication for other transport modes
    - Advance Commercial Information (CCRA)

CCRA - G7 INITIATIVE

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G7 Initiative
CCRA - Customs Action Plan

Customs
Action Plan

- Data Harmonization/ WCO Data Model reflected in future EDI Development plans
- Partnership with ACI Initiative to introduce G7/WCO Data Set & EDIFACT messages for ACI Cargo reporting
- Enhanced risk assessment using EDI data

- G7 Initiative is a cornerstone of CCRA's plans to engineer the next generation of EDI services for traders
- Phases Implementation to coordinate with implementation of new services options, other CAP Initiatives
- Expand EDI services to eliminate paper reporting
- Export Declarations
- Primary Cargo Reporting (all modes)
- Secondary Cargo Reporting (Deconsolidations, Remanifests)

CCRA - G7 INITIATIVE 7

G7 BUNDLE
COMMON DATA SETS & ELECTRONIC MESSAGES

IMPORT DECLARATION G7 ONE STEP (RELEASE/ACCOUNTING)

EXPORT DECLARATION G7 ELECTRONIC EXPORT

SECONDARY CARGO REPORT (REMAN, DECON)

PRIMARY CARGO REPORT (MULTI-MODAL)

SUPPLEMENTARY CARGO REPORT (MARINE)

CONVEYANCE REPORT (INWARD/ OUTWARD)

RESPONSE MESSAGE (CUSRES) FOR IMPORT/EXPORT

RESPONSE MESSAGE (CUSRESS) FOR CARGO/CONVEYANCE
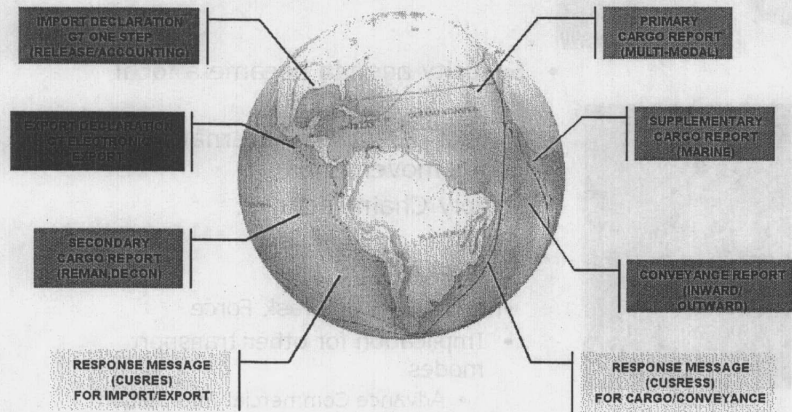
CCRA - G7 INITIATIVE 8

G7 Initiative
ACI & EDI Cargo Reporting

- Re-engineering Cargo reporting process under the **Advance Commercial Information Initiative (ACI)**
  - Mandatory electronic reporting
  - Advance reporting timeframes
- Phased in across all modes and function:
  - Marine - April 2004
  - other modes – 2005/2006
- Electronic messages will be available using G7/WCO data set and EDIFACT message protocol
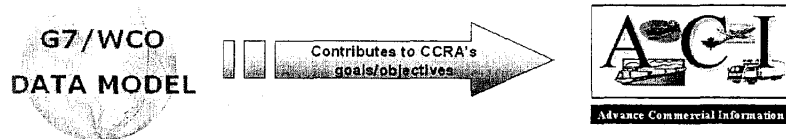
MULTI-MODAL CARGO DATA MODEL

- Standardize transport data elements for all 4 modes of transport (marine, air, rail, highway)
- Multi-modal Message Structure – Same message structure for all cargo reporting functions:
  - Primary Cargo reporting (all modes)
  - Supplementary Reporting & Empty Containers (Marine, supports 24 Hour Rule)
  - Secondary Cargo Reporting (Remans,Decons)
- Common message protocol:
  - EDIFACT CUSCAR (Cargo) and CUSREP (Conveyance)

G7/WCO Data Model & ACI Initiative
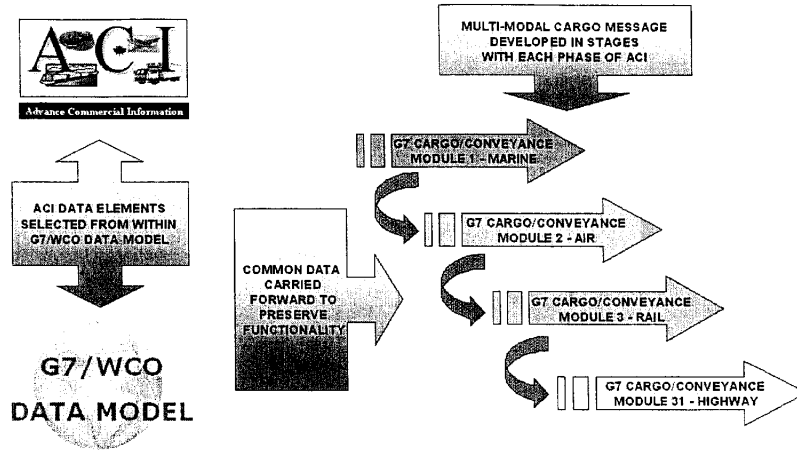
G7 One Step   # G7 Initiative

New G7 Import Service Option

What is Import One Step?

- A new Customs Action Plan initiative to provide Importer/Broker the opportunity to transmit a single electronic message containing both release and accounting information prior to the release of goods
- Existing deferred payment features available under the current Two Step process are retained
- Existing AMPS penalties continue to be applicable to One Step shipments
- No new AMPS penalties being introduced for One Step process
- New Import One Step process is known as Release on Full Documentation (RFD)

Current
two step RMD Process

Release

Accounting

Importer/Broker transmit
release and accounting information
in two separate electronic messages

Transmit
Release
Information

STOP
Wait for
Release

Transmit
Accounting
Information

RELEASE

DATA
FRAGMENTATION

ACCOUNTING
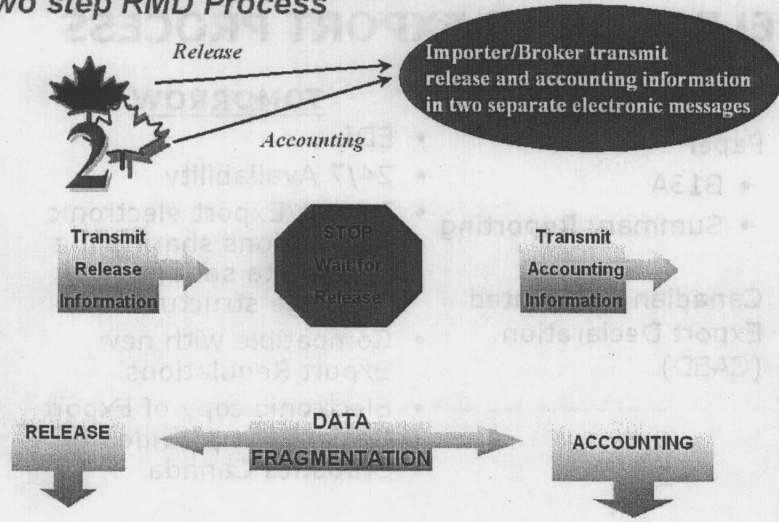
CCRA - G7 INITIATIVE

13

New Import One-Step
Release on Full Documentation Process

Release

Release + Accounting

Accounting

Importer/Broker transmits
one electronic message
containing release and
accounting information

Established
Trade
Relationship

Release
Information

Accounting
Information

Transmit
Release +
Accounting
Information
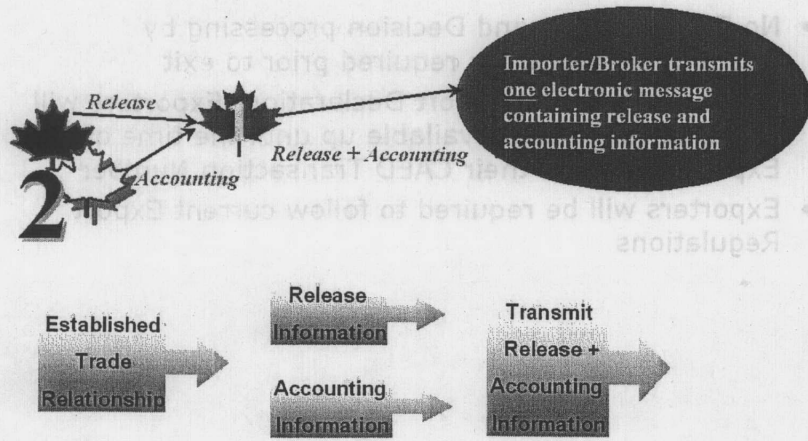
CCRA - G7 INITIATIVE

14

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G7 INITIATIVE
ELECTRONIC EXPORT PROCESS

TODAY

- Paper
  - B13A
  - Summary Reporting

- Canadian Automated Export Declaration (CAED)

TOMORROW

- EDI
- 24/7 Availability
- Import/Export electronic declarations sharing the same data set and message structure
- Compatible with new Export Regulations
- Electronic copy of Export Declaration provided to Statistics Canada

G7 INITIATIVE
G7 ELECTRONIC EXPORT

- No Export review and Decision processing by Customs Inspectors is required prior to exit
- To display proof of Export Declaration, Exporters will be required to have available up until the time of Export, a copy of their CAED Transaction Number
- Exporters will be required to follow current Export Regulations

CANADA – UK G7 PROTOTYPE

Canada – UK G7 Prototype

- The G7 customs administrations agreed to launch a pilot project to test the data sets and common electronic processes.

- This Project will coincide with Canadian and UK Customs implementation of G7 import and export data sets in 2003

- Participants are required to use the UCR

- The Prototype demonstrates to trade and WCO members our commitment to the global implementation of the standardized data sets

Canada – UK G7 Prototype Participation

- The Prototype is not a "throw away" system. Each administration is committed to maintaining the messages and data sets after the evaluation period.
- Not restricted to Canada-UK Trade (or trade involving G7 countries)
- Includes Intra-company trade and external trade partners
- Some companies have committed – more are welcome

Canada – UK G7 Prototype Evaluation

- Opportunity for traders to influence the outcomes and evaluation
- Evaluation exercise will include both customs administrations and clients
- Participants will allow customs to exchange data to compare results
- Joint evaluation to include cost benefits to customs and participants to be evaluated

Contacts

<u>Canada Customs</u>

G7/WCO EDI Projects:
  Steve Chapman
    e-mail: steve.chapman@ccra-adrc.gc.ca
    CCRA's Website: ccra-adrc.gc.ca/customs/business/g7

WCO Data Model/ International Initiatives:
    Eric Sunstrum
    e-mail: eric.sunstrum@ccra-adrc.gc.ca

<u>UK Customs</u>

    Joe O'Connor
    e-mail:Joe.O'connor@hmce.gsi.gov.uk

台加兩國海關雙方工作備忘錄

CT – CCRA Data Workshop

Tasks for the team:

- CCRA will reformat the file to furhter develop Import Data set.
- CCRA and CT will verify questions regarding data and business requirements noted in the document.
- CT will indicate what the conditions are for all of the conditional data elements.
- CT will provide all definitions for their data elements if different from the WCO definitions.
- CCRA will provide a draft data model based on these inputs.
- CCRA will prepare draft export data set based on the work completed over the last few days.
- Process will be repeated for Export and Cargo.
- We will attempt to do as much work as possible using e-mail and conference.
- CCRA will provide electronic copies of our Participants Requirements for WCO Import and Export Service Options.   These documents include EDIFACT Maps and Business Rules for our clients.
- CCRA will provide information on the Unique Consignment Reference number.
- CCRA will provide information on an ongoing basis regarding the progress of the UK Canada G7 Pilot Project.
- CT will inform CCRA on an ongoing basis on the status of their data harmonization efforts and the AU-CT Pilot Project.

E-Mail Addresses

Eric.sunstrum@ccra-adrc.gc.ca
Lisa.Foerstner@ccra-adrc.gc.ca
antoniolin@webmail.dgoc.gov.tw
victor@webmail.dgoc.gov.tw
skenlin@wemail.dgoc.gov.tw
yslin@webmail.dgoc.gov.tw

我方提出調和 WCO 共同資料項目之相關問題

Queries Regarding the WCO Data set Comparison:

1. In terms of importation of cars, do you require declarants to declare vehicle identification number in Customs declarations? If so, Which WCO data element is the vehicle identification number catered for ?

2. By our harmonization of WCO data set, some data elements in our export/import declaration are not found in EX1-WCO/IM1-WCO. How will Canadian Customs deal with this problem?

3. According to our WCO data set Comparison (IM1/EX1), there are several data elements catered for one data element in IM1/EX1. How does the Canadian Customs deal with this problem, when there are not fit code to use ?

4. Do you have data elements for insurance in your import and export declaration forms? If yes, Which WCO data element is catered for ?

5. According to the Table of Contents of IM1-WCO, there are data elements for each item's manufacturer (G09); however, there are no such data elements in the Table of Contents of EX1-WCO. Since one country's export declaration would be another country's import declaration, and vice versa, the above-mentioned situation seems to be unreasonable. How is your opinion in this regard?

6. Currently, there are separate columns for "description of goods", "brand names" and "specifications" in Taiwan's Customs import/export declaration forms respectively. However, when we tried to harmonize the data elements of our Customs declaration forms according to WCO Data Set Version 1.0, we couldn't find any applicable data elements or code qualifiers for "brand names" and "specifications" in this WCO Data Set.

   Would you please tell us if Canadian Customs Service is faced with the same situation, and does your Customs require declarants to declare "brand names" and "specifications" in the Customs declaration forms? And what's your advice to us in this regard?

7. After checking the description and definition in WCO Data Set Version

1.0, some data elements seem to be applicable to our declaration forms, but we still could not adopt them due to lack of suitable code qualifier.

Please kindly tell us how to apply to WCO for new code qualifiers. How long does it usually take? And are there any WCO members applying for new code qualifiers?

8. Since the description and definition in WCO Data Set Version 1.0 are only in English, it is not easy for non-English-speaking people to fully understand their meaning. What is your suggestion?

9. Please tell us how Canadian Customs Service or other Customs administrations dealt with the difficulties in harmonizing the data elements of their Customs declaration forms.

10. Please tell us some other suggestions in terms of harmonizing data set based on your experience.

加方針對我方WCO共同資料項目相關問題之回答

A1 – No, Canada only requires VINs in the case of exported vehicles. The U.S. is currently in the process of including data element 7402 (Identity Number) in the Import Data Set version 2 which may be able to include this information.

A2 – The WCO has rules on adding data elements but with version 2 changes will be made. There is nothing that we have seen in this session to suggest that CT requirements are not in line with the planned data sets.

A3 - The MIG provides the possible codes, however if a suitable code is not found, use the UN/EDIFACT codes whenever possible. National codes may be used if necessary.

A4 – No, Canada Customs uses 'Invoice on Demand'. Invoice on Demand means that verification of Customs value is done on a post-audit basis. (We do not ask for this type of invoice information on the declaration but if we require the information, we will audit the importer.)

A5 – Due to the fact that there will always be extra information required for import, due to the need to collect information for the collection of duties and taxes, there may not for a long time, if ever, be a totally seamless import/export data exchange.

(Eric will confirm whether or not that data element will be included in version 2, however, it is not required by Canada.)

A6 - The data element, 'Description of goods' is usually used to cover these requirements.
(Note: Any free text field makes targetting or risk assessment more difficult due to different spellings, abbreviations, etc.)

No, Canada Customs does not ask for Brand names or for 'specifications' on the import declaration. It is left to the Customs Inspectors to check for this information.

A7 – If you use the EDIFACT codes there should be no problems.

A8 – A good question for CEFACT.

A9 – The main difficulty in the beginning was ensuring that we knew what needed to be achieved once it became apparent that total harmonization was not possible, due to the individual needs of countries.

Within CCRA, the main hurdle is to ensure that all our program and project areas and staff understand the benefits of using this standardized model (WCO Model).

Externally, it is the delay in getting our traders and other countries to implement the WCO Data Model.   However, by offering new service options and re-engineering our processes to facilitate trade while still ensuring our requirements for security and collection of revenues are being met, we are able to convince our clients that the WCO is a good option to do business with us.

我國進口報單對應 WCO 1.0 版 IM1 資料項目

WCO - CHINESE TAIPEI   IMPORT DECLARATION DATA SETS (IM1) COMPARISON

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
										Chinese Taipei-IM1	
data elements											
a. commodity/shipment identifiers											
a	1496	Goods item number	Serial, sequential number differentiating each separate goods item entry of a consignment as contained in one document/declaration	n..4 / no code	System Generated	L		C	N(04)	Item no.	LIN(97)
	6102	Tariff quantity/ Supplementary quantity	Measurement of the goods as required by Customs to be expressed for tariff, statistical or fiscal purposes	n..14 (with/without decimal point sign and decimal places. Positive value only) / no code		L		C	N(13)	Quantity of bonded goods	MEA(127)
						L		C	N(13)	Statistical quantity	MEA(127)
a						L		C	N(13)	Dutiable quantity	MEA(127)
						L		C	N(10)	Net weight	MEA(99)
a	6292	Total gross weight	Weight (mass) of all goods in declaration including packing but excluding the carrier's equipment	n..14 (with/without decimal point sign and decimal places. Positive value only) / no code		H		C	N(11)	Total gross weight	MEA(21)
	6411	Measure unit qualifier	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed	a3 / UN/ECE Recommendation 20 (some new)	Some code to be registered to the UN/ECE Recommendation 20	L		C	C(03)	Entry unit of bonded goods	MEA(127)
						L		C	C(03)	Statistical quantity unit	MEA(127)
a						L		C	C(03)	Specific duty unit	MEA(127)
						L		C	C(03)	Dutiable quantity unit	MEA(134)
	7002	Description of goods	Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term) for Goods declaration	an..256 / no code	Possible use of VIN Code List			C	AN(390)	Description of goods	IMD(122)
								C	AN(20)	Brand of goods	IMD(122)
								C	AN(20)	Model of goods	IMD(122)
								C	AN(150)	Specification	IMD(122)
								C	AN(04)	Year	IMD(122)
								C	AN(20)	Car type	IMD(122)
a								C	AN(01)	Number of door	IMD(122)
								C	AN(06)	Displacement	IMD(122)
								C	AN(02)	Number of cylinder	IMD(122)
								C	AN(02)	Number of seat	IMD(122)
								C	AN(01)	Transmission	IMD(122)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
								C	AN(02)	Engine limited to use unleaded gasoline only	IMD(122)
								C	AN(01)	Standard equipment with EEC & catalyst converter	IMD(122)
						L		C	AN(01)	Left side steering	IMD(122)
a	7004	Brief cargo description	Plain language description of the cargo of a means of transport, in general terms only								
a	7065	Type of packages identification	Identification of description of the form in which goods are presented	an..3 / EDIFACT code		H		C	C(03)	Unit of total number of packages	PAC(31)
a	7102	Shipping marks	Marks and numbers identifying individual packages	an..140 / no code		H		C	AN(385)	Marks	PCI(32)
a	7282	Tariff code number (Customs)	Code number of the goods in accordance with the tariff nomenclature system of classification in use where the Customs declaration is made	an..10 with HS 6-digit goods code	10 Digit + 1 character check digit Possible Re-engineering	L		C	AN(11)	C.C.C code	CST(126)
a	7370	Total number of packages	Total number of packages of the entire declaration/consignment	n..8 / no code		H		C	N(08)	Total number of packages	PAC(31)
a	7402	Identity number	Unique number affixed by the manufacture to individual pieces of products for identification purposes e.g. VIN	no code		L	999	C	AN(16)	Chassis number	RFF(104)
a	9805*	Tariff code extensions	Tariff code beyond 10 digits	an..12 / no digits		L		C	AN(05)	Tariff additional note	CST(126)
b		duty/tax calculation									
b	1168*	Payment reference	Reference or indication of the payment/guarantee reference of duty/tax e.g. under a transit procedure	an..35 / no code		H		C	AN(14)	BAN/ID/Passport NO of E.F.T. account holder	RFF(29)
						H		C	AN(14)	E.F.T. account NO.	RFF(29)
b	4391	Duty/tax payment method, coded	Method by which a duty or tax is paid to the relevant administration, coded	a1 / G7		H		C	C(01)	Methods of payment	PAI(141)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
b	4377*	Security details, coded	Details regarding undertaking given in cash, bond or as a written guarantee to ensure that an obligation will be fulfilled, coded	a1 / G7							
	5153	Duty/tax/fee type, coded	Type of duty or tax or fee applicable to commodities or of tax applicable to services, coded	an..3 / national		L	9	C	C(03)	Other tax/fee code	TAX(130)
b						H	9	C	C(03)	duty/tax/fee charge code	TAX(139)
	5278	Duty/tax/fee rate	Rate of duty or tax or fee applicable to commodities or of tax applicable to services	an..17 / no code		L		C	N(05)	Import duty rate	TAX(130)
						L		C	N(07)	Duty per unit	TAX(130)
b						L	9	C	N(05)	Other tax/fee rate	TAX(130)
b	5286	Duty/tax/fee assessment basis in value	Value on which a duty or tax will be assessed	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code		L		C	N(12)	Customs value(amount)	MOA(133)
b	9213	Type of duty regime, coded	A statement of the full/preferential regime according to which duty is assessed, coded	an..3 / EDIFACT code (new codes)	Canada uses this data element to identify preferential and regular duty treatment regimes such as NAFTA goods or Most Favoured Nation	H		C	C(02)	Sub C.C.C code	CST(126)
	9807	Duty/tax/fee assessed	Amount of duty/tax/fee (includes all types of charges and duties) due and amount of reduction (if applicable) -assessed per duty/tax/fee type by item and/or declaration	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code		H	9	C	N(10)	Duty/tax/fee amt.	MOA(140)
b						H		C	N(10)	Total of duty,tax and fee	MOA(140)
b	9995	Duty/tax/fee assessment basis in quantity	Quantity on which a duty or tax will be assessed	n..14 (with/without decimal point sign and decimal places. Positive value only) / no code		L		C	N(13)	Customs value(quantity)	MEA(134)
c	general										

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
c	1001	Document/message name, coded	Document/message identifier expressed in code	an..3 / EDIFACT code (new codes)	Codes to be registered to the EDIFACT code list						
c	1004	Document/message number	Reference number assigned to the document/message by the issuer	an..35 / no code							
c	1225	Message function, coded	Code indicating the function of the message	n..2 / EDIFACT code		H		C	AN(01)	Message function	BGM(2)
	1426	Goods declaration number (Customs)	Number, assigned or accepted by Customs, to identify a Goods declaration	an..35 / national		H		C	AN(14)	Declaration no.	RFF(28)
c	2037*	Goods declaration acceptance date (Customs), coded	Date on which a Goods declaration is accepted by Customs in accordance with Customs legislation or intended date of goods declaration (in case of pre-filing), coded	n8 / EDIFACT D.99A 102 (CCYYMMDD)		H		C	AN(06)	Date of declaration	DTM(12)
	2281*	Departure date, coded	Date on which the goods began their direct and uninterrupted journey from exporters premises or other locations to the country of destination, coded	n8 / EDIFACT D.99A 102 (CCYYMMDD)							
c	4423	Nature of transaction, coded	An indication for Customs of the type of contract under which goods are supplied, coded	n2 / G7 (n1) + national (n1)							
c	4426	Authentication	Proof that a document has been signed or otherwise authenticated, indicating when appropriate the status of the party signing or authenticating it	an..35 / national	Used for Electronic Signature (PKI)						
c		Customs procedure, coded	Treatment applied by the Customs to the goods which are subject to Customs control, coded	an..7 / natinal code: categorized based on the revised Kyoto Convention	Type of payment moved from	H		C	AN(01)	Licensing Note	CST(36)
						H		C	C(02)	Type of declaration	CST(36)
						H		C	AN(01)	Co-package note	CST(36)
						H		C	C(01)	Type of examination	CST(36)
	9381					H		C	C(02)	Reason for added duty	CST(36)
						H		C	C(02)	Type of payment	CST(112)

WCO - CHINESE TAIPEI   IMPORT DECLARATION DATA SETS (IM1) COMPARISON

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
c	9810	Error condition override, coded	Request and coded reason to override automatic system edits, coded	an..3 / national		H		C	AN(01)	Duplicated declaration request	CST(36)
c	9812	Exit date, coded	Date of the goods depart last port, airport, or border post of country whence consigned (country of export), coded	n8 / EDIFACT D.99A 102 (CCYYMMDD)		H		C	AN(06)	Foreign date of exportation	DTM(65)
	9815	Previous Customs document number	The serial number or authentication number of a previous Customs document	an..35 / no code		L	9	C	AN(14)	Original declaration no. of bonded warehouse goods received	DOC(120)
						H		C	AN(14)	Original export declaration no.	RFF(37)
c	9816	Unique consignment reference number	Unique number assigned to goods, both for import and export	an..35							
c	9817	Additional document type, coded	Name of the additional document type referenced (9980), coded	an..3 / national		H		C	AN(01)	High tech product note	DOC(27)
c	9819	Declaration line number previously recorded	Item number pertaining to the previous Customs filing	no code		L		C	AN(04)	Original declaration item no. of bonded warehouse goods received	DOC(120)
	9838	Date and time of arrival at first port of arrival in Customs territory, coded	Date and time / scheduled date and time of arrival of means of transport at (for air) first airport, (land) arrival at first border post and (sea) arrival at first port, coded	an15 / EDIFACT D.99A 303 (CCYYMMDDHHMMZZZ)		L		C	AN(06)	Date of importation	DTM(13)
c	9839	Date of arrival at place of discharge, coded	Date of arrival at port or airport with intent to unload	n8 / EDIFACT D.99A 102 (CCYYMMDD)							
c		Trader reference	Trader reference, used by trader for reference purposes	an..35 / no code		L		C	AN(15)	Buyer's commodity no.	RFF(104)
						L		C	AN(15)	Supplier's commodity no.	RFF(104)
	9902							Move to a new d/e uncoded	AN(35)	Type of packages	RFF(104)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
c						H		C	AN(14)	Trading partner reference no.	RFF(68)
		Additional document reference number	The reference number of an additional document referenced in the associated data element 9817/9966	an..35 / no code		H		C	AN(12)	Permit no. Of post-release duty payment	DOC(27)
	9980					L	10	C	AN(15)	Assigned no. Of government authorities	DOC(119)
						L	5	C	AN(14)	Import permit no. Of licensing agency	DOC(119)
						L	5	C	N(03)	Import permit item no.	DOC(119)
c						H	2	C	AN(70)	Remarks (other declared items)	DOC(27)
d		country/place/location				H		C	AN(14)	High tech. Import license no.	DOC(27)
d	3097*	Customs office of exit, coded	Customs office by which the goods leave or are intended to leave the Customs territory, coded	an..11 / UNLOCODE (maximum 5-characters) + an..6, national code							
d	3157	Warehouse, coded	Identification of warehouse where a particular consignment has been stored, coded								
d	3221	Country whence consigned, coded	Country from which the goods were initially dispatched to the importing country without any commercial transaction taking place in intermediate countries, coded	a2 / EDIFACT code (ISO 3166 2-alpha code)							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
d	3239	Country of origin, coded	Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade, coded	a2 / EDIFACT code (ISO 3166 2-alpha code)		L		C	C(02)	Contry of origin	LOC(103)
d	3334	Place of loading	Name of the seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage from the Customs territory	an..20 / no code							
d	3335	Place of loading, coded	Name of the seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are loaded on to the means of transport being used for their carriage from the Customs territory, coded	an..11 / UNLOCODE (maximum 5-characters) + an..6,national code		H		C	C(05)	Port of Shipment	LOC(70)
d	3392	Place of discharge	Name of the seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage								
d	3393	Place of discharge, coded	Name of the seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage, coded								
d		Location of goods, coded	Indication of the place where goods are located, coded	an..11 / UNLOCODE (maximum 5-characters) + an..6, national code		H		C	C(08)	Place of storage	LOC(7)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
				code							
						H		C	C(08)	In bonded warehouse code	LOC(7)
						H		C	An(08)	Out bonded warehouse code	LOC(7)
	9846					H		C	AN(08)	In bonded warehouse ban	LOC(7)
						H		C	AN(08)	Out bonded warehouse ban	LOC(7)
						H		C	AN(08)	Duty-payer bonded factory no	LOC(7)
						H		C	AN(08)	Supplier bonded factory no	LOC(7)
d						H		C	AN(08)	Related bonded factory no	LOC(7)
d	9851	Customs office of declaration, coded	Customs office to which this declaration is addressed								
	9855	Region of origin, coded	Region in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, or quantitative restrictions, or of any other measure related to trade, coded								
d	9860	First port of arrival, coded	Name of the (for air) first airport, (land) arrival at first border post and (sea) arrival at first port	an..11 / UNLOCODE (maximum 5-characters) + an..6, national code							
d	9861	Place of destination of the transit	Name of the place at which the goods are destined under Customs control of transit procedure	no code							
d											

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
d	9906	Place of physical examination, coded	Place where the goods are to be examined, coded, if different from 3384 (9846) Location of Goods	an..11 / UNLOCODE (maximum 5-characters) + an..6, national code							
d	9936	Place of destination of the transit, coded	Name of the place at which the goods are destined under Customs control of transit procedure, coded	an..11 / UNLOCODE (maximum 5-characters) + an..6, national code							
d	9971	Delivery destination	The location to which goods are to be delivered. Address, region and/or country as required by national legislation or according to national requirements	Party name: an..70, Street. an..35, City name. an..35, Country sub-entity. an..9, Post code: an..9, Country. ISO 3166 2-alpha code, Communication number: an..50, Contact person an..35							

e. persons/parties

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
e	3003	Buyer, coded	Name and address of the party to which merchandise is sold, coded	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes	Suggest using coded value only. Asking for a full name and address is redundant						
e	3020	Importer	Name and address of party who makes-or on whose behalf a Customs clearing agent or other authorized person makes- an import declaration. This may include a person who has possession of the goods or to whom the goods are consigned	Party name: an..70, Street: an..35, City name' an..35, Country sub-entity. an..9, Post code: an 9, Country. ISO 3166 2-alpha code, Communication number: an..50, Contact person: an..35		H		C	AN(70)	Name in english of duty-payer	NAD(39)
								C	AN(100)	Address in english of duty-payer	NAD(39)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
e	3021	Importer, coded	Name and address of party who makes - or on whose behalf a Customs cleaning agent or other authorized person makes - an import declaration, coded. This may include a person who has possession of the goods or to whom the goods are consigned.	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes		H		C	AN(14)	BAN/ID/Passport no. of duty-payer	NAD(39)
e	3030	Exporter	Name and address of the person who makes - or on whose behalf '- the export declaration - is made - and who is the owner of the goods or has similar right of disposal over them at the time when the declaration is accepted	Party name: an..70, Street: an..35, City name: an..35, Country sub-entity: an..9, Post code: an..9, Country: ISO 3166 2-alpha code, Communication number: an..50, Contact person: an..35							
e	3031	Exporter, coded	Name and address of the person who makes - or on whose behalf - the export declaration - is made - and who is the owner of the goods or has similar right of disposal over them at the time when the declaration is accepted, coded	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes	Should this be uncoded version?	H		C	AN(14)	BAN/ID/Passport no. of related bonded factory	NAD(88)
e	3127	Carrier identification	Identification of party undertaking or arranging transport of goods between named points	Sea: Vessel carrier "SCAC" code, Air: 3-Numeric IATA /2Alpha IATAcode, Road/rail: SCAC,or national code (an..14)							
e	3128	Carrier name	Name of party undertaking or arranging transport of goods between named points	an..35 / no code							
e	3132	Consignee	Name and address of party to which goods are consigned	Party name: an..70, Street: an..35, City name: an..35, Country sub-entity: an..9, Post code: an..9, Country: ISO 3166 2-alpha code, Communication number: an..50, Contact person: an..35							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
e	3133	Consignee, coded	Name and address of party to which goods are consigned, coded	an .35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes							
e	3175	Container operator, coded	Name of party owning,operating or controlling the transport unit (container)								
e	3180	Notify party	Name and address of party to be notified	Party name: an..70, Street. an..35, City name: an..35, Country sub-entity: an. 9, Post code: an..9, Country: ISO 3166 2-alpha code, Communication number an. 50, Contact person: an..35							
e	3181	Notify party, coded	Name and address of party to be notified, coded	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes							
e	3196	Agent	Name and address of a person authorized to act on behalf of another party	Party name: an. 70, Street: an 35, City name: an 35, Country sub-entity an 9, Post code. an..9, Country. ISO 3166 2-alpha code, Communication number. an 50, Contact person. an..35							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1				
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
e	3336	Consignor	Name and address of party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him	Party name: an..70, Street: an..35, City name: an..35, Country sub-entity: an..9, Post code: an..9, Country: ISO 3166 2-alpha code, Communication number: an..50, Contact person: an..35	Canada asks for this data element to be supplied as well as the seller if they are not the same person Suggest: If consignor is a domesric party, supply Coded version 3337, otherwise supply full name and address in this data element						
e	3337	Consignor, coded	Name and address of party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him, coded	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes	Should be used for domestic parties only (BAN)						
e	3346	Seller	Name and address of party selling merchandise to a buyer	Party name: an..70, Street: an..35, City name: an 35, Country sub-entity: an 9, Post code: an..9, Country. ISO 3166 2-alpha code, Communication number: an 50, Contact person: an. 35		H		C	C(02)	Supplier'sCountry code	NAD(85)
						H		C	AN(70)	Supplier's name in English	NAD(85)
						H		C	AN(100)	Supplier's address in English	NAD(85)
e	3347	Seller, coded	Name and address of party selling merchandise to a buyer; coded	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes		H		C	AN(14)	Supplier's Ban or Supplier's abbreviation of foreign company name in english	NAD(85)
e	9865	Master/operator	Master (of Vessel), or operator of other mode of transport e.g , pilot, or driver	an..35 + a2? Name and surname (an..35) + nationality (ISO 3166: a2)							
e		Agent, coded	Name and address of a person authorized to act on behalf of	an .35 / Trader-ID nationally defined, some countries may		H		C	AN(03)	Customs broker box no.	NAD(45)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
e	9867		another party, coded	accept DUNS or other international codes		H		C	AN(01)	Customs broker sub-box no.	NAD(45)
e	9868	Agent, status, coded	The capacity in which the agent is acting, i.e. direct or indirect representative, coded	an..3 / EDIFACT code (AG:Agent/representative, new:direct Agent/representative, new:indirect Agent/representative)	Codes to be registered to the EDIFACT code list	H		C	AN(05)	Registered Customs Specialist Number	NAD(45)
e	9930	Manufacturer, coded	Name and address of party which manufactures goods, coded	an..35 / Trader-ID nationally defined, some countries may accept DUNS or other international codes							
e	9976	Party responsible for proof of vanning	Name and address of party authorized by the Customs who proves that goods indicated in packing list are stuffed into container without any fault	no code							
f. transportation information											
f	1188	Transport document number	Reference assigned by the carrier or his agent to the transport document	an..35 / no code		H		C	AN(16)	Master air waybill number	RFF(30)
f						H		C	AN(16)	House waybill number	RFF(30)
f	4065	Contract and carriage condition, coded	Code to identify the conditions of contract and carriage								
f	4140	Container transport indicator	An indication whether or not goods are carried in container								
f	8028	Conveyance reference number	Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term)	an..12 / no code		H		C	AN(12)	Voyage no.	TDT(26)
f	8077	Equipment supplier, coded	to indicate the party that is the supplier of the equipment								
f	8130	Container status	Indication whether containers and other similar unit load devices are empty or carry one or more consignments	n1 / EDIFACT code (4:Empty, 5:Full)							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
	8155	Equipment size and type identification	Coded description of the size and type of equipment	an..10 / national							
	8179	Type of means of transport identification	Identification of description of the type of the means of transport being utilized								
	8250	Identification of means of transport at departure	Identification of the means of transport used at the time of presentation of the consignment to a Customs office in the context of a goods declaration, departure, if different from 8270	an. 35 / Nationality (ISO 3166 2-Alpha code) + Vessels. Vessel Name (in Roman characters), Air: IATA Aircraft ID; Road: National Licence Plate ;Rail. Locomotive number and rail car number							
	8260	Equipment identification number	Marks (letters and/or numbers) which identify equipment e.g. unit load device	an 17 / ULD: IATA code (an12); Container: ISO 6346 code (an17:ISO 6346 11 digts + Optional 6 digits (ISO country code (a2) + size (an2) + type (an2)), Rail. Rail car number (an35)?; Road: Licence Plate of the trailer (an17)		H	999	C	AN(12)	Container no.	EQD(22)
						H	999	C	C(04)	Container type	EQD(22)
	8262	Container identifier qualifier	Code indicating whether a container is marked (letters and/or numbers) in accordance with ISO 6346 or some other system, to enable the correct validation routine to be operated	an 3 / EDIFACT code (5.ISO, 3.IATA, new:Others)	Supply is 8260 is ISO Code	H		C	an..3	Container ID Qualifier	
	8270	Identification of means of transport crossing the border of the Customs territory	Identification of the active means of transport used in crossing the border of the Customs territory	an..35 / Nationality (ISO 3166 2-alpha code)-+ Vessels: Vessel Name (in Roman characters); Air: IATA Aircraft ID; Road: National Licence Plate ;Rail' Locomotive number and rail car number							
	9308	Seal number	The number of a custom seal or another seal affixed to the containers or other transport unit	an 35 / no code !							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
	9874	Nationality of means of transport crossing the border of Customs territory, coded	Name of the country in which a means of transport crossing the border of Customs territory is registered, coded	a2 / EDIFACT code (ISO 3166 2-alpha code)							
	9877	Mode/type of means of transport at departure, coded	Means and method of transport used for the carriage of the goods at departure, coded	an..3 / EDIFACT code (a new code for Own propulsion)	A code for Own propulsion to be registered to the EDIFACT code list						
	9878	Mode/type of means of transport at arrival, coded	Means and method of transport used for the carriage of the goods at arrival, coded	an..3 / EDIFACT code (a new code for Own propulsion)	A code for Own propulsion to be registered to the EDIFACT code list	H		C	C(01)	Mode of transport	TDT(24)
	9879	Nationality of means of transport at departure, coded	Nationality of the active means of transport used at place of departure, coded	ISO 3166 2-alpha code !							
	9880	Nationality of means of transport at arrival, coded	Nationality of the active means of transport used at place of arrival (Import), coded	a2 / EDIFACT code (ISO 3166 2-alpha code)							
	9945	Mode/type of means of transport crossing the border of Customs territory, coded	Means and method of transport used for the carriage of the goods, coded	an..3 / EDIFACT code (a new code for Own propulsion)	A code for Own propulsion to be registered to the EDIFACT code list						
	9956	Identification of means of transport at arrival	Identification of the means of transport used at the time of presentation of the consignment to a Customs office in the context of a goods declaration at arrival	an..35 / Nationality (ISO 3166 2-alpha code) + Vessels: Vessel Name (in Roman characters), Air: IATA Aircraft ID; Road: National Licence Plate ,Rail Locomotive number and rail car number							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
f	9967	Special Instructions	Directions for handling a shipment and/or delivery directions for a shipment	no code							
f	9972	Identification of means of transport crossing the border of the Customs territory, coded	Identification of the active means of transport used in crossing the border of the Customs territory, coded	an..9 / ITU standard or Lloyd's number	Vessel Call Sign	H		C	AN(06)	Transport id/Vessel call sign	TDT(26)
f	A007	Container legal status, coded	Legal status of the containers with respect to the Container Convention code								
g. value/commercial transaction information											
g	1156	Invoice line number	Number of the line in the document/ referenced in 1334 Invoice Number	n..4 / no code							
g	1334	Invoice number	Reference number assigned by the seller to a Commercial Invoice	an..35 / no code							
g	2377	Invoice date, coded	Date when a Commercial Invoice is issued, coded	n8 / EDIFACT D.99A 102 (CCYYMMDD)							
g	3018	Incoterms place	Name of the point or port of departure, shipment or destination, as required under the applicable Incoterm	an..35 / no code							
g	3019	Incoterms place, coded	Name of the point or port of departure, shipment or destination, as required under the applicable Incoterm, coded	an..5 / G7 (UNLOCODE-5-characters)							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipei-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
g	4111	Incoterms code	Code to indicate applicable Incoterm under which seller undertakes to deliver merchandise to buyer	a3 / EDIFACT code		L		C	C(03)	Terms of unit price	RFF(104)
g	5032	Customs value	Value declared for Customs purposes of those goods in a consignment which are subject to the same Customs procedure, and have the same tariff/statistical heading, country and duty regime	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code		L		C	N(18)	Unit price	MOA(128)
g	5116	Item amount	Amount due for each chargeable item of goods or services	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code							
g	5218	Statistical value	Value declared for statistical purposes of those goods in a consignment which have the same statistical heading	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code							
g	5402	Rate of exchange	The rate at which one specified currency is expressed in another specified currency	n5..12 (with 5 mandatory decimal places (no decimal point required). Positive value only) / no code	Consider Re-engineering to calculate rate of exchange using the system	H		C	N(08)	Currency rate of exchange	CUX(59)
g	6345	Currency, coded	The name or symbol of the monetary unit associated with an amount involved in the transaction, coded	a3 / EDIFACT code (ISO 4217 3-alpha code)		H		C	C(03)	Currency code	MOA(58)
g	9891	Charges	Aggregate cost of freight, insurance and all other costs and expenses from foreign port of loading	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) /	Eric to Confirm if this is correct data mapping	H		C	C(03)	Currency code (unit price)	MOA(128)
g	9898	Valuation method, coded	Indicates the basis on which the Customs value is determined, coded	n1 / G7		H		C	N(12)	Insurance	MOA(77)
g	9900	Request by exporter to Customs to provide loading	Indication by exporter whether they need certificate of export from Customs or not.	an .3 / EDIFACT code (new No, new:Yes)	Codes to be registered to the EDIFACT code list						
g		Valuation adjustment	Valuation adjustment percentage, if not registered in the system	n3 / no code		L		C	N(05)	Conversion ratio of customs value	PCD(129)

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
	9921	percentage				L		C	N(05)	Conversion ratio of ad-valorem duty rate	PCD(129)
						L		C	N(05)	Conversion ratio of specific duty rate	PCD(129)
g						L	9	C	N(05)	Conversion ratio of rate of other tax/fee	PCD(129)
	9925	Other charges/deductions	An amount added or subtracted from the total invoice price not previously taken into account when determining the Customs value	n2..16 (with 2 mandatory decimal places (no decimal point required) Positive value only) / no code	Commissions Promotion Fees not included in the invoice price. Eric to confirm if this is the correct mapping	H		C	N(12)	Additional fees	MOA(79)
g						H		C	N(12)	deduction fees	MOA(79)
g	9927	Valuation adjustment	A monetary amount to allow for adjustment of value	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code							
g	9940	Type of invoice, coded	Reference to the type of invoice relating to the declaration e.g. commercial, pro-forma, photocopy, etc., coded	n3 / EDIFACT code "380"- Commercial invoice, "916"- Related document, "935"- Customs Invoice, "315"- Contract							
g	9941	Parties' relationship, coded	Indication as to whether or not there are financial or other relationships between the parties to a transaction, coded	an .3 / EDIFACT code (new.No, new"Yes)	Codes to be registered to the EDIFACT code list	H		C	AN(01)	Ralated parties	GEI(71)
g	9958	Total invoice amount	Total amount of invoice price for the goods declared in one declaration	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code	Suggest elimination of CIF Values since Insurance, Freight, etc. must always be sent	H		C	N(14)	FOB value	MOA(58)
g	9961	Incoterm	Incoterm under which seller undertakes to deliver merchandise to buyer, free text	an..70 / no code							

Sec	Code	Name	Definition	Code Standards (recommended)	Remarks	Chinese Taipel-IM1					
						Level	Repeat	Attribute C/O	Length & Type	Name in english	Segment
g	9973	Freight costs	Costs incurred by the shipper in moving the goods, by whatever means, to the port or place of importation/exportation as specified by national legislation.Besides transport costs, this element may include sub-elements such as documentation, loading, unloading and insurance, to the extend that they relate to the freight cost.	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code		H		C	N(12)	Freight	MOA(58)
g	9999	Valuation additions indicator	Indicator for additions under WTO valuation agreement article 8: Price influence, Royalties, Assists, Proceeds, Commissions.	n5 / G7 (0-No,1-Yes) (1st digit-Price influence, 2nd digit-Royalties and licence fees, 3rd digit-Assists, 4th digit-Proceeds, 5th digit-Commissions)							
g	A008	Consignment value	Value declared for Customs purposes of those goods in a consignment which are subject to the transport	n2..16 (with 2 mandatory decimal places (no decimal point required). Positive value only) / no code	for cargoes not arrived at destination in case of transit						

Data Element Review Principles 附件九

附件九

Data Element Review Principles

A. Guiding Principles regarding Data Elements

When re-engineering the customs reporting procedures a number of guiding principles should be applied. All data elements should be rationalized to determine their application, business, and processing requirements. The following basic principles should be followed for all data elements.

A.1 Eliminate - Ask the questions;

➢ Is the data element absolutely needed for Customs processing of the declarations/documents?
➢ Is the data element needed for enforcement purposes?
➢ Is the data element needed for risk management purposes?
➢ Is the data element needed for valuation purposes?
➢ Is the data element needed for Customs Inspectors decision on action?
➢ Is the data element needed for Other Government Agency control?
➢ Can the data element be acquired from another source or document?

A.2 Simplify

➢ Re-engineer the processes to simply the reporting requirements by the traders.
➢ Do not ask traders for detailed reference information that is already know by Customs. (i.e. quotas, license numbers, etc.)
➢ Work with Other Government Agencies to re-engineer their process to simply the customs reporting (i.e. make use of the HS number for determination of customs valuation).

A.3 Codify

➢ Wherever possible codify data element requirements, in particular with respect to customs procedures and special valuation requirements.
➢ Within new message designs make use of UN/EDIFACT qualifier codes to define data elements.