WCO Customs Data Model - A Tool for Secure and Efficient International Trade

Submitted by: WCO
WCO Customs Data Model

A tool for secure and efficient international trade

Outline

- About Us
- WCO Framework of Standards
- Customs Data Model components
- Conclusions
Independent intergovernmental body
Established 1952 in Brussels
164 member Customs administrations
Enhance the effectiveness and efficiency of Customs
Develop and maintain standards for simple, standardized and harmonized customs systems and procedures
Assist in capacity building programmes
Provide training and technical assistance

WCO Framework of Standards

- Develop Standards
  - PROCEDURES
    - revised Kyoto Convention
    - WCO Business Partnership Guidelines
    - MAA (Johannesburg and bilateral)
  - CUSTOMS CONTROL
    - risk management, risk assessment, common profiles
  - DATA REQUIREMENTS
    - WCO Data Model
    - UCR
- Co-operate with other intl. orgs.
  - Business associations
  - United Nations, Resolutions 1373, 1456 1566
  - IMO, ICAO, EU

Resolution II (2004) – WCO High-level Strategic Group
- Develop Framework of Standards
- Implement Standards
- Capacity Building
WCO Framework of Standards
Objectives

Customs administrations must work co-operatively with common and accepted standards to maximize the security and facilitation of the international trade supply chain as cargo and container shipments move along the nodes of the global trading system.

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WCO Framework of Standards
Integrated control procedure

Exporter/Agent

Advance Export Goods declaration UCR

CUSTOMS EX Export Controls
Common risk assessment

CUSTOMS TR Transit/Transshipment Transit Controls

CUSTOMS IM Import Controls
Common risk assessment

Common risk profiles
UCR Data exchange

Importer/Agent

Advance Import Goods declaration UCR

Advance Import Goods declaration UCR

Advance Cargo declaration UCR

CUSTOMS EX Export Controls
Common risk assessment

CUSTOMS TR Transit/Transshipment Transit Controls

CUSTOMS IM Import Controls
Common risk assessment

Advance Cargo declaration UCR

Data exchange using UCR

Advance Export Goods declaration UCR

WCO Framework of Standards
Authorized Supply Chain

AEO (Carrier)

Advance Cargo declaration UCR

CUSTOMS EX Export Controls
Common risk assessment

CUSTOMS TR Transit/Transshipment Transit Controls

CUSTOMS IM Import Controls
Common risk assessment

Data exchange using UCR

AEO (Importer, exporter)

Advance Simplified Goods declaration (import/export) UCR

AEO mutual recognition
Common risk profiles
UCR Data exchange

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WCO Customs Data Model
Cross-border processes

- Customs and OGA
- Conveyance report
- Cargo report (manifest)
- Goods declarations
  - import, export and transit
  - one step procedures
  - two step procedures
    - first step for release
    - second step for duty collection and statistics

WCO Customs Data Model
Kyoto Customs Data Principles

- Common data sets and uniform electronic messages for cargo report, import, and export declarations for the clearance of “ordinary goods”
- Maximum data requirements for the routine exchange of information between Customs and the trader
- Countries to require as little information as necessary for Customs control purposes
- Release on minimum information
WCO Customs Data Model

Components

- Business process models
- Data sets
- UML class diagrams
- EDIFACT and XML message specifications
- International code sets
  - WCO (HS, UCR)
  - ISO (3166 country, 4217 currency, 6346 container, etc.)
  - UN (units of measure, LOCODE, types of packages, modes/means of transport, etc.)
  - Others (IATA, ITU, IMO, EAN.UCC, D&B)

Implementation

- G8 countries and APEC economies agreed to implement Data Model by 2005, where possible
- WCO to adopt Framework of Standards and Data Model V.2.0 in June 2005
  - Members to implement standards within 36 months
WCO Framework of Standards

- Unique Consignment Reference
- WCO Data Model, Authorized Economic Operator, Standard Risk Assessment
- RKC, MAA, HS, ORIGIN, VALUATION, Istanbul/ATA, Container Convention 72
- Integrated Customs Control
- Single Window, Authorized Supply Chain

THANK YOU

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