KCS Single Window Case

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Korea Customs Service
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Contents

I  KCS Single Window
II  Effects of Single Window
III Detailed Development Procedure
IV  Global Network Customs
I. KCS Single Window

- Background
- Overview
- Working Procedure
- System Configuration
- Effects
Background

Need to resolve delays in customs clearance and cut logistics cost caused by double reporting of the same data to the customs and OGAs for verification of requirements including inspection/quarantine.

Recommendation by int’l organizations including WCO.

Building Single Window to cut logistics cost and enhance user convenience.

WCO RKC recommends developing Single Window for exchange between the customs and trading companies of various data including quarantine certificate (Standard 7.4).
Background

Part of 7 Tasks in the Northeast Asia Logistics Hub Roadmap (National Economic Advisory Council)

- Development of Single Window for substantial upgrade of the customs clearance system is included in 7 Tasks of the Northeast Asia Logistics Hub Roadmap (Aug. 27, 2003)

Innovation drive throughout the trade process (National e-Trade Committee)

- Rapid changes in IT require dramatic process improvement through organic linkage among established networks
- Need for efficient infrastructure connection among organizations and innovation of clearance process for seamless logistics flow
- Efforts to standardize data elements in requirement verification documents as a basis for Single Window and innovation in verification process

Currently connecting 38 agencies for 55 documents
Overview of KCS intelligence system development stage

- **u - Customs**
  - Development stage
  - Investigation info. (1999)
  - Passenger info. (2000)
  - Post-management (2001)
  - CKM (2001)
  - CDW (2002)
- **e - Customs**
  - Establishing u-Customs plan (2006)
- **Knowledge Mgt System**
  - Internet clearance portal
  - Internet declaration system (‘04~5)
  - Internet Clearance portal (‘05)
  - Risk Management System (‘05)
  - Single Window (‘06 ~ )
- **Auto EDI Clearance System**
  - EDI clearance
  - Basic plan for EDI Clearance automation (1991)
  - Export clearance (1994)
  - Import clearance (1996)
  - Export cargo (1997)
  - Import cargo (1997)
  - Duty drawback (1997)
- **Simple Online Service**
- **Simple Statistics**
  - Computerization Of trade statistics
  - Air cargo clearance system
  - Information management system
  - Ubiquitous clearance service

- **Year**
  - 1974
  - 1990
  - 1998
  - 2002
  - 2005
  - 2007
Working procedure - Before

Applications for import-requirement assessment and import declaration are separately managed.

After applying for the import-requirement assessment, the applicant should report the same items for import declaration.

In applying for the import-requirement assessment, methods/systems of application differ by agency.
Working procedure - Now

Applicant
- Apply for import requirement forms
- Import Declaration

Internet
- Input into more standardized/simplified forms
- Convenient feeding-in of common items
- Circulation of electric Documents

Korea Customs Service Single Window
- Results of Approval
- Results of Clearance

Internet Clearance Portal

Customs Administration System
- Receipt
- Review/Inspection
- Acceptance of import declaration

Agencies Assessing Import Requirements

Korea Food & Drug Administration
- Electric documents

National Veterinary Research & Quarantine Service
- Electric documents

Korea Medical Devices Industry Association
- Electric documents

① Apply for import requirement assessment
② Results of Approval
③ Results of Clearance

Simplification
Standardization
Preparation for declaration

Korea Customs Service Single Window

Declarant

① Internet
② Results of Approval
③ Results of Clearance
System Configuration

Internet Clearance Portal (UNI-PASS)

**Users**
- General users
- Import/Exporters
- Customs Broker
- Consigner/Consignee
- Others

**Work Processing**
- Import/export clearance
- Import/export logistics
- Customs drawback
- Electric application
- AEO management

**Single Window**
- Report from other government agencies (53 forms)
- Electronic Payment
- Statistics

**Information Service**
- User’s own record
- Clearance info.
- Company and statistic code info.
- Preliminary introduction

**Customized Service**
- Personalized webpage
- User community
- Bulletin board, questionnaire, Q&A
- Shared screen, work consultation

**Customs administration information System (Web Clearance System)**

**Work processing**
- Review on import requirements
- Quarantine/inspection
- Electric application
- Report of performance
- Quarantine
- Quality/sanitation management
- Research
- Various internal tasks

**Other Government System (OGA)**
- Other Government Agency (23 Agencies)
  - Review on import requirements
  - Quarantine/inspection
  - Electric application
  - Report of performance
  - Quarantine
  - Quality/sanitation management
  - Research
  - Various internal tasks

**Brokerage Firms**
- Web/EDI

**Public certificate authority**
- Verify the effectiveness of certificates

**Other Government System**
- Internet XML

**Other Government Agency**
- Import Requirement Assessment
- Import Declaration

http://portal.customs.go.kr
Better service

- One-stop clearance service at one entry point
- Simplified document form and data elements – raising user convenience

Lower cost

- Reduced clearance time (1 day) → lower logistics cost
- Internet-based system – saving EDI transmission fee

Higher work efficiency

- Joint use of standardized data in integrated document form
- Improvement in work processing (Off line → On line)

Stronger competitiveness

- Active response to WCO’s recommendation
- Expansion of e-clearance system – foundation for national competitiveness in logistics

What are the effects of Single Window?
III. Other Government Agencies & Application Forms
<table>
<thead>
<tr>
<th>OGA</th>
<th>Documents</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>The Korea Food &amp; Drug Administration (KFDA)</td>
<td>Import declaration of food products &amp; etc.</td>
<td>Import</td>
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<td>Import approval application form</td>
<td>Import</td>
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<td></td>
<td>Export approval application form</td>
<td>Export</td>
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<td></td>
<td>Raw material import approval application form</td>
<td>Import</td>
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<tr>
<td></td>
<td>Raw material export approval application form</td>
<td>Export</td>
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<td>National Fisheries Products Quality Inspection Service (NFIS)</td>
<td>Import declaration of food products &amp; etc.</td>
<td>Import/Export</td>
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<td>Quarantine application for fisheries products import/export</td>
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<td>The National Plant Quarantine Service (NPQS)</td>
<td>Inspection application for import plant</td>
<td>Import</td>
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<td>Inspection application for export plant</td>
<td>Export</td>
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<tr>
<td>National Veterinary Research &amp; Quarantine Service (NVRQS)</td>
<td>Import declaration for livestock item</td>
<td>Import</td>
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<td>Quarantine application for imported livestock item</td>
<td>Import</td>
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<td></td>
<td>Application of transport of quarantined imports</td>
<td>Import</td>
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<td>Quarantine application for exported livestock item</td>
<td>Export</td>
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<td>Quarantine application for exported animal</td>
<td>Export</td>
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<tr>
<td>The Korea Pharmaceutical Traders Association (KPTA)</td>
<td>Standard clearance report</td>
<td>Import</td>
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<tr>
<td>The Korea Medical Devices Industry Association (KMDIA)</td>
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<td>The Korea Dental Instrument Commerce and Industry Association (KDICIA)</td>
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<td>The Korea Animal Health Products Association (KAHPA)</td>
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<tr>
<td>Korea Environment &amp; Merchandise Testing Institute (KEMTI)</td>
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<td>Korea Toy Industry Cooperative (KTIC)</td>
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<td>Korea Testing &amp; Research Institute (KTRI)</td>
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<td>Korea Testing Laboratory (KTA)</td>
<td>Industrial product model certification</td>
<td>Import</td>
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<td>FITI Testing &amp; Research Institute</td>
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<td>Meter and Petrochemical Testing and Research Institute (MPTRI)</td>
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<td>Environmental Management Corporation (EMC)</td>
<td>Waste import permission/declaration form</td>
<td>Import</td>
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<td>Waste export permission/declaration form</td>
<td>Export</td>
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<tr>
<td>Radio Research Agency (RRA)</td>
<td>Application for electronic device authentication</td>
<td>Import</td>
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<td>Application for electronic device clearance</td>
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<td>Korea Seed Association (KSA)</td>
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<td>Korea Cultural Center of Microorganisms</td>
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<td>Korea Mecine Herbal Association</td>
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<td>Foundation of Agricultural Technology</td>
<td>Seeds import approval application form</td>
<td>Import</td>
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<td>Commercialization &amp; Transfer</td>
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<td>Nohghyup</td>
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<td>Korea Forest Service</td>
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※ 38 Agencies and 55 Documents (in 18 laws) are available with one single ID in a Single window
IV. Global Network Customs

- GNC Conceptional Diagram
- UCR Conceptional Diagram
Global Network Customs – GNC Conceptional Diagram
Global Network Customs – UCR Conceptional Diagram

- Export
  - Export Cargo Rep.
  - Conveyance Rep. (Out)
  - Conveyance Rep. (In)
  - Import Cargo Rep.
  - Import Dec.
  - Issue UCR
  - UCR
  - Unique Consignment Reference

- Import
  - Import Dec.
  - Cargo Dec.
  - Arrival Report
  - Departure Report
  - Cargo Report
  - Export Dec
  - UCR
  - CSD

- Data Transmission
  - Cross check for compliance

- Goods
  - Logistics
  - Security

- Cargo
  - Logistics
  - Security
Thank you