

Contract No:	278-C-00-02-00210-00
Contractor Name:	Chemonics International, Inc.
USAID Cognizant Technical Office:	Office of Economic Opportunities USAID Jordan
Date of Report:	28 August 2005
Document Title:	Comprehensive Integrated Tariff System FINAL
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Activity Title and Number:	Achievement of Market-Friendly Initiatives and Results Program (AMIR 2.0 Program) 560 Customs Reform and Modernization Customs IT Solutions and Integrated Tariff Task Number 555.01

Comprehensive Integrated Tariff System

Final Report
28 August 2005

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Data Page

Name of Component:	Private Sector Policy Initiative
Authors:	Lubomir Dvorsky / The Services Group Mohammad Al Said / Chemonics Rula Haddad/ CNS
Practice Area:	Trade and Investment
Service Offering:	N/A
List of Key Words Contained in the Report:	Integrated tariff, Jordan Customs Department, information technology, business requirements, IT solution, technical requirements, web hosting, system development, application development, ASYCUDA,

Referenced Documents

Author	Name of the document
Dale Torrence	Integrated Tariff Development and Harmonized System, February 26, 2004
Andrew Ford	Jordan National Customs Integrated Tariff, IT Options & Recommendations, Final Draft Report, May 2004
Andrew Ford	Jordan National Customs IT Initiative – Integrated Tariff IT Project, Business Case v 0.2, June 2004
Walter Hekala, Jamal Olaimat, Mohammad Masoud Al-Said, Lubomir Dvorsky	CITS Bus and Tech Design Specification v 0.6, December 2004
Walter Hekala, Mohammad Masoud Al-Said, Rula Haddad	Various meeting minutes, progress reports and design and development documents provided to Lubomir Dvorsky between September 2004 and August 2005

Abstract

As part of strategic planning, Jordan Customs Department (JCD) has identified the need for increased coordination between the various agencies that have border management as a key element for better facilitation of trade. JCD has not developed a fully integrated tariff. An “integrated tariff” is a publication or database that provides to customs and the trade community all customs and associated regulatory requirements relevant to the importation, exportation, or transit of goods. This provides an international trader with a “single window” of information showing the rates of duty and tax and other documentation required (e.g. certificates, quotas, restrictions and licenses) under government legislation other than those directly under the Jordan Customs Law but which are administered by JCD on behalf of other agencies. This report documents the development of the Customs Comprehensive Integrated Tariff System (CITS) for Jordan Customs Department through the build of version one of this automated system.

Abbreviations and Acronyms

AMIR	Achievement of Market-Friendly Initiatives and Results Program
CITS	Comprehensive Integrated Tariff System
EU	European Union
OGA	Other Government Agency
EDI	Electronic Data Interchange
JCD	Jordan Customs Department
JFTA	Jordan-US Free Trade Agreement
HTS	Harmonized Tariff System
ICT	Information and communication technologies
IT	Information technology
NAFTA	North American Free Trade Agreement
CITS SC	Comprehensive Integrated Tariff System Steering Committee
USAID	United States Agency for International Development
WCO	World Customs Organization

Key Terminology

For the purposes of the CITS project the following terms are identified:

Other Government Agency (OGA) – An OGA is any other regulatory body in Jordan, issuing regulations related to trade in goods other than the JCD.

Primary regulatory agency – A primary regulatory agency is the issuing agency of a regulation submitted directly to the JCD.

Regulation - Any regulation, order, and restriction created by a government agency intended for public disclosure.

Enforcement Lookout – An internal to JCD or external to the JCD enforcement request based on a risk management process where the action to be taken is based on information not intended for public disclosure. (An example would be a request from an OGA to the JCD to perform an examination of goods entering Jordan where the public disclosure of the requested activity could compromise a sensitive law enforcement investigation.)

OGA Regulation – Any regulation, order, and restriction created by an OGA and communicated to the JCD to be enforced by JCD on behalf of the primary regulatory agency.

Customs Regulation – A regulation, order, and restriction created by the JCD.

Customs Implementation Directive – The internal document issued by the JCD notifying or/and ordering customs officers to implement OGA regulation.

Other Regulation References – Unique identifying references to identified in either an OGA or Customs Regulation or Directive associated to the regulation. As an example, a regulation may have a reference to a decree by the Jordan Cabinet of Ministers or a letter from another ministry.

Trade Agreement – a trade agreement entered into by the Government of Jordan (GOJ) and another nation or group of nations.

Harmonized System Code – The numeric code applied to commodities according to the World Customs Organization Harmonized system.

Jordan Consolidated Tariff Nomenclature – The tariff nomenclature, including both the numeric identification code and text descriptions applied under law and regulation by the JCD. The first 6 digits of the Jordan Consolidated Tariff numeric code are mandated according to WCO Harmonized system Code.

Jordan Consolidated Tariff Classification Table – The Tariff Classification Table includes the Jordan Consolidated Nomenclature and the applicable tariff duty rates.

Tariff Interpretation – An interpretation of the Jordan Consolidated Tariff Nomenclature.

Advance Tariff Ruling – A legally binding commodity classification issued by the JCD in advance of the submission of a declaration on the interpretation of the Jordan Consolidated Tariff Nomenclature. Advance Tariff Rulings are legally binding on the Customs for importations by the requesting importer only. The binding ruling is considered a precedent interpretation for all other identical and similar goods. Advance Tariff Rulings have a limited period of application of legally binding application however expired Advance Tariff Rulings continue after expiration to be considered as precedent interpretations.

Advance Tariff Advice – A non-binding (legally) tariff interpretation opinion provided by the JCD in advance of the submission of a declaration on the classification of an item under the Jordan Consolidated Tariff Nomenclature.

Precedent Interpretation – An interpretation of the Jordan Consolidated Tariff Nomenclature currently or previously applied by the JCD under a legal obligation to the requesting party. Precedent Interpretations are as a matter of policy routinely followed in the issuance of new Tariff Interpretations.

Customs Broker – A customs broker is a person or company licensed by the JCD to legally act on behalf of another party in transacting business with the Jordan Customs Department. They are the private sector’s technical experts on customs matters. The term customs broker or broker is synonymous with the term clearing agent.

Other taxes, duties and fees – All taxes, duties, fees and charges of any kind whatsoever not included in the Tariff, or GST that may be charged to the private sector relating to the importation, exportation or transit of goods crossing the borders of Jordan in conformity to the laws and regulations of Jordan and collected directly by the JCD in their own behalf or in behalf of and OGA at the time of the declaration.

Penalty – All fines, charges or other collections made by the JCD in their own behalf or in behalf of an OGA for non-conformance with a legal or regulatory requirement.

Document Revision History

List all amendments to this document. All revisions need to be signed off and dated.

Version	Date	Author	Release Endorsed By	Comments or list of changes
1.0	28-Aug-05	Lubomir Dvorsky		Final Draft
1.0	25-Sep-05	Lubomir Dvorsky		Final version – incorporated comments from Walter Hekala, Jamal Olaimat, Mohammad Al Said and Rula Haddad

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Executive Summary

As part of strategic planning, Jordan Customs Department (JCD) has identified the need for increased coordination between the various agencies that have a border mandate as a key element for better facilitation of trade. JCD had not developed a fully integrated tariff. An “integrated tariff” is a publication or database that provides to customs and the trade community all customs and associated regulatory requirements relevant to the importation, exportation, or transit of goods. This provides an international trader with a “single window” of information showing the rates of duty and tax and other documentation required (e.g. certificates, quotas, restrictions and licenses) under government legislation other than those directly under the Jordan Customs Law administered by JCD on behalf of other agencies.

Recognizing the need to take further steps to act as the lead agency in coordinating with other agencies having a border mandate, especially in the area of information, the Jordan Customs Department (JCD) agreed to sponsor a project to bring Jordan to the leading edge in trade facilitation. This project is the development of a comprehensive integrated tariff system (CITS). With the launch of CITS, Jordan is at the leading edge of the of customs administrations attempting to meet this objective of a single gateway for international trade regulations if not the world’s leader.

Business objectives of the CITS project have been defined as follows:

- a. Provide a single web-enabled trade book – all tariff and non-tariff measures consolidated in one place and accessible via internet;
- b. Ensure a single interpretation of any tariff or non-tariff measure – all stakeholders, such as private sector, investors, government agencies and JCD officers work from a single information source, a single interpretation of a regulation;
- c. Establish a platform to enable and support accurate interpretation of all future tariff and non-tariff measures – link the technical knowledge from other government agencies with the tariff knowledge of the JCD officers to ensure accurate selection of tariff classification codes for a particular measure (and thus avoiding any ambiguity in interpretation of regulations);
- d. Integrate the CITS and ASYCUDA systems - through an electronic interface supporting the ASYCUDA declaration processing engine by providing all information necessary to process commercial transaction CITS is intended to be a functionally independent system;
- e. Provide tools and facilities to maintain tariff and non-tariff related content in both ASYCUDA and CITS from CITS as the single point;

The Comprehensive Integrated Tariff System was finally deployed after delays on 31 July 2005 when a few important CITS modules and functionalities that have been identified in the initial requirements (such as an interface between CITS and ASYCUDA) left to be completed in the CITS version 2.

There have been many examples that public sector organizations across the world are not always well equipped to deal with complex IT projects such as CITS (this is not to say that private sector organization have proved to be any better). The common issues are lack of expertise in project management and methodologies for IT systems development, lack of documentation of the existing IT systems, lack of documentation of the existing processes and policies.

Writers of this report would like to express their appreciation to the Jordan Customs Department staff and its executive for their contribution to the successful launch of the Comprehensive Integrated Tariff System. We are looking forward to continuing our cooperation in the CITS version 2 project.

Recommendations:

JCD to formally assign responsibility for the CITS content - based on the decision of the CITS SC from 3rd October 2004, formally give the Comprehensive Tariff Section of the Tariff Directorate full responsibility for maintenance and administration of the CITS content and include the related activities, in their job description and responsibilities.

JCD IT Directorate to complete documentation of the CITS internal application – the administration module and provide a copy to both IT Directorate and the AMIR Program.

JCD IT Directorate to complete documentation of the CITS back end database and provide a copy to both IT Directorate and the AMIR Program.

JCD IT Directorate and CNS to complete documentation of the CITS hosting solution and provide a copy to the AMIR Program.

CNS to provide an administrative closeout of the technical build of CITS. This project administrative closure for CITS version 1 project will include project archives, confirmation of project closure and lessons learned following the defined processes for administrative project closure of the Project Management Institute.

CNS and the CITS project team to formally define processes for CITS change control and configuration management – to be approved by the CITS SC.

JCD IT Directorate to develop, design, test and deploy an interface between CITS and ASYCUDA – the decision was taken by the CITS Steering Committee at its 8th session held on 15th December 2004 and reinforced at a workshop with the Customs DG held on 22nd February 2005.

JCD Tariff Directorate to document all tariff related processes that impact on CITS content and its administration, including roles (functions) and their activities, authorities and responsibilities - CITS is an opportunity to improve the current practices that should be put through a thorough analysis – new processes produced as a result of such analysis could be incorporated into CITS.

JCD IT and Tariff Directorates to analyze and make recommendations to the CITS Steering Committee on tariff related errors discovered in ASYCUDA during the CITS data gathering process - historical errors have been discovered particularly in Trade Agreements.

CNS and AMIR to conduct an analysis of the initial requirements captured in the CITS Business and Technical Documentation version 0.6 from December 2004 and the actual CITS application deployed in July 2005 – and report on features left out from the initial plan and specifications.

JCD to conduct a pilot study with a selected group of OGAs to improve the current regulation development, interpretation and communication processes - it has been envisaged and agreed

from the very beginning that CITS would go beyond a simple representation of tariff related data and also serve as a collaboration tool between Customs and other government agencies. Improved processes and information flows could then be incorporated as workflows in the CITS.

CITS project team to actively seek and collect feedback and ideas from internal and external users (Customs officers at the borders, other Customs, brokers, tariff directorate, traders, other government organizations) and make recommendation on the proposed CITS improvements to the CITS SC – there is often a considerable time lag between implementation and gaining the benefits from new business systems; time is required to learn the new system and to integrate it into other business processes.

Based on the review of the tariff related business processes, JCD IT Directorate and Tariff Directorate to define and the CITS Steering Committee to approve security and access policies to be applied in the CITS. Initial draft of access policies is in the Appendix C CITS Application Architecture under 12.4. Security and Privacy requirements.

CITS project team to define and CITS SC to approve the CITS parts, both in the content and in the application, for an unofficial English version of CITS; also procedures for translation of the CITS content will need to be defined and implemented.

CITS project team to define and CITS SC to approve customs export and transit regimes clearly in the CITS parts.

JCD IT Directorate and CNS, the private contractor, to identify the storage mechanism, tools, and policies and processes to be used for storage and disposal of the CITS content and data.

Introduction

Purpose and Scope of this document

The purpose of this document points is to provide AMIR and the CITS Project Team and the Steering Committee with an opportunity to:

- Review progress of the CITS project against the initial CITS project goals and objectives;
- Provide business, design and technical requirements, descriptions of the deliverables and the governance structures and timelines to deliver the CITS project;
- Define tasks for the next version CITS that need to be completed in order to accomplish the agreed goals;
- Define tasks for the next version CITS that need to be completed in order to accomplish the agreed goals;
- Provide a view on the overall experience of the CITS project;

Since the writers of the report did not define the budget for the CITS project nor had the CITS budget control as tasks in their statements of work, financial analysis is considered to be outside of the document's scope.

Background

As part of strategic planning, Jordan Customs Department (JCD) has identified the need for increased coordination between the various agencies that have border management as a key element for better facilitation of trade. JCD had not developed a fully integrated tariff. An "integrated tariff" is a publication or database that provides to customs and the trade community all customs and associated regulatory requirements relevant to the importation, exportation, or transit of goods. This provides an international trader with a "single window" of information showing the rates of duty and tax and other documentation required (e.g. certificates, quotas, restrictions and licenses) under government legislation.

Project history

A consultant, Dale Torrence, was engaged by AMIR in February 2004 to work with the AMIR IT consultant to assist Customs as the lead border agency for the clearance of goods crossing the borders in providing better and more understandable regulations to clients. As part of this strategy the consultant was to assist in the development of a fully integrated tariff to provide a complete table of all tariff and non-tariff measures to be applied by the Customs to goods entering, exiting or transiting Jordan.

Mr. Torrence concluded that there is a serious problem within both Customs and other government agencies in obtaining, recording and distributing information on Customs procedures, to not just within Customs but to the private sector as well.

Following on from Mr. Torrence's work, another AMIR consultant Andrew Ford, has made a number of recommendations that Jordan National Customs should adopt in order to have access to an IT solution that can support the concept of an integrated tariff. Mr. Ford also developed a business case justifying different options for building such an integrated tariff system¹.

¹ See 5.1.2 section of this document for more details.

A concept of the Comprehensive Integrated Tariff System was developed after consultations with JCD and AMIR experts and presented at a meeting with His Excellency Mahmoud Otieshat, JCD Director General, Directors of Tariff, IT and Planning Directorates, and the USAID and AMIR executive in July 2004 by Lubomir Dvorsky, an AMIR consultant. The concept has been accepted and full support promised by the JCD Director General.

It was agreed with the JCD IT Directorate in mid September 2004 that the nominated JCD CITS IT team and JCD IT Project Manager would start cooperating with the CITS business team (JCD Tariff Directorate and AMIR consultants) to complete definition of the detailed CITS business requirements in order to progress development of the CITS Oracle back end. An initial estimate of the required effort was put by the JCD IT Directorate at 2 months.

A document "CITS Business and Technical Specification" was developed by AMIR and continuously updated with new requirements until December 2004. A local tariff expert Mr. Mohammad Masoud Al-Said was hired by the AMIR Program. His task was to become an interface between AMIR and JCD IT and Tariff Directorates and cooperate with the JCD staff assigned to the CITS project in order to progress definition of the CITS business and technical requirements.

Because of the lack of progress of the IT part of the CITS project there was a session held with the CITS IT team at the beginning of November 2004. Required deliverables were defined again and a new time schedule for delivery of the CITS back end database defined by the JCD IT Team as the second half of December.

There was a legitimate concern that CITS might not be completed on time. AMIR proposed to the JCD IT Directorate and the CITS Steering Committee on a few occasions that a private contractor be hired at AMIR's expense to assist JCD in design and development of the CITS back end database and the CITS administration module. Another option proposed by AMIR was having the complete build of CITS by a private contractor. However, there was a strong resistance from the JCD IT Directorate to do so and both proposals were rejected by JCD. The JCD IT Directorate insisted that the interface and the CITS database will be built by the Customs IT staff.

Another event impacting on the project schedule was a change at the JCD Tariff Directorate in mid February 2005 when Mr. Omar Harasis the Director of Tariff Directorate and the Chairman of the CITS Steering Committee was replaced by Mr. Abdel Wahab El Saraira.

The major issue slowing down the CITS project was the interface between CITS and ASYCUDA. Since there is a very close relationship between the interface and the CITS back end database, this part of the project has always been understood as both difficult and important. Interface was also recognized as critical for through life support for CITS. Strategies to build such an interface have been identified at a few meetings between JCD IT and ASYCUDA experts and the AMIR contractor held at the JCD IT Directorate in July and August 2004.

The project uncovered certain anomalies in ASYCUDA where tariff related rules, equations and tariff coding have been done by various Customs staff throughout the ASYCUDA life cycle without proper documentation. Completing the CITS – ASYCUDA interface is not so much a technical issue, it is more about mapping out what exactly ASYCUDA contains and how ASYCUDA calculates duties.

Due to lack of ASYCUDA documentation (the initial system set up, rules and equations) ASYCUDA and the interface between CITS and ASYCUDA ended up to be a greater challenge for the JCD IT team than what was initially expected by both JCD and AMIR.

It needs to be said here that ASYCUDA, its architecture and technology, is quite old. The expertise to develop interface between ASYCUDA and CITS is very limited not only in Jordan but worldwide. UNCTAD, the owner of the ASYCUDA source code, has its own resources thinly spread across the whole world and most of the other organizations that have tried to build interface between ASYCUDA and other systems have experienced numerous difficulties. Even though the JCD IT directorate has successfully deployed IT systems in the past that have a direct interface between other systems and the Oracle back end of ASYCUDA the interfaces were not as complex as the ASYCUDA – CITS interface. Also the JCD staff that performed the initial CITS configuration and later integration work that have been praised by UNCTAD as world class have left JCD.

A second major issue was the decision making process for issues related to the tariff structures and anomalies that have been uncovered during the CITS project. Some of the issues go beyond Customs and are related to the overall communication processes between Customs, other government agencies and bodies issuing tariff related regulations.

A session was held on 22nd February 2005 to brief JCD DG about progress of the CITS project. H.E. confirmed his previous approval of CITS SC recommendations that a) CITS - ASYCUDA interface will be JCD IT Directorate's the responsibility; b) CITS front-end will be developed by a contractor hired by AMIR c) if the CITS – ASYCUDA interface cannot be completed within the CITS project time frame, JCD will complete the interface after the initial launch of CITS. After raising a concern by AMIR representatives whether the CITS project can be completed on time if the project relies solely on JCD IT staff for completion of the CITS backend and CITS administration module H.E. JCD DG instructed the IT Directorate to develop a activities and a time frame for cooperation with CNS, a contractor to AMIR working on the CITS project, in order to make a decision on the issue.

In the next meeting held between JCD Deputy Director General and AMIR on 10th March 2005 where both JCD and AMIR acknowledged difficulties and slow progress of CITS project. A strategy for a faster resolution of the tariff issues was agreed as well as additional assistance to the JCD from CNS to complete development of the CITS back end database (two qualified CNS staff to support the JCD IT team and participate in CITS design and programming). A 72 hour rule proposed by Mr. Hekala where any necessary decision by JCD should not exceed 72 hours, and that CITS Steering Committee would hold emergency meeting when needed. Mr. Hekala proposed a launching strategy where CITS would be launched on time according to the project schedule. CITS components that cannot be finished by the launch time would be completed in the next CITS version together with any other scheduled improvements and modifications.

Even though initially there was a lot of confidence to build the backend database, internal application and CITS-ASYCUDA interface in-house by the JCD IT staff assigned to the CITS project there had not been much progress nor many deliverables between October 2004 and March 2005.

CNS, a local IT company, was engaged at the beginning of March 2005 to provide project management and system development expertise and assistance to JCD to complete design and build of the CITS back end database and the administration module. It needs to be said that only

Comprehensive Integrated Tariff System

at this point we started experiencing progress in the technical development of CITS. It is quite unfortunate that we had not been able to do so earlier in the project.

The project experienced intense work and progress from March 2005 until the launch of CITS in July 2005. The Comprehensive Integrated Tariff System was finally deployed after delays on 31 July 2005 with a few important CITS modules and functionalities that have been identified in the initial requirements (such as an interface between CITS and ASYCUDA) left to be completed in the CITS version 2.

Contingent on a successful launch of CITS version 1, USAID agreed to further funding the building of a CITS version 2 intended to correct anomalies identified in Version 1 and achieve necessary changes for further integration with ASYCUDA and provide the public with an unofficial English version of CITS.

Business Model

Comprehensive Integrated Tariff System (CITS) is the single and most current information source for tariff and non-tariff measures to be applied by the JCD and OGAs based on public information regulations to goods entering, exiting or transiting Jordan.

Business Objectives

The business objectives of the CITS project are as follows:

- a. **Provide a single web-enabled trade book** – all tariff and non-tariff measures consolidated in one place and accessible via internet;
- b. **Ensure a single interpretation of any tariff or non-tariff measure** – all stakeholders, such as private sector, investors, government agencies and JCD officers work from a single information source, a single interpretation of a regulation;
- c. **Establish a platform to enable and support accurate interpretation of all future tariff and non-tariff measure** – link the technical knowledge from other government agencies with the tariff knowledge of the JCD officers to ensure accurate selection of tariff classification codes for a particular measure (and thus avoiding any ambiguity in interpretation of regulations);
- d. **Integrate the CITS and ASYCUDA systems** - through an electronic interface supporting the ASYCUDA declaration processing engine by providing all information necessary to process commercial transactions; CITS will be developed as a functionally independent system;
- e. **Provide tools and facilities to maintain tariff and non-tariff related content in both ASYCUDA and CITS from a single point** – the final solution must avoid the situation where maintaining data in ASYCUDA and CITS would have to be done by using two separate interfaces; amendments to the existing tariff and non-tariff data will be performed in one application only, (preferably CITS because of a set of CITS tools to make administration of tariff and non-tariff data easier);

Current Challenges

There is a need to provide the trade community, foreign investors and government agencies with all customs and associated regulatory requirements relevant to the importation, exportation or transit of goods in a “single window” of information in order to make the regulatory environment more transparent and predictable.

JCD implements regulations, trade agreements, orders, rulings and instructions on behalf of more than 28 government agencies. Therefore the OGAs need to communicate such information to JCD in a timely manner.

There is an assumption that connecting technical knowledge of OGAs creating regulations with the JCD’ tariff expertise, which is necessary for tariff interpretation of such regulations, will result in more accurate interpretation and implementation of regulations as well as a more transparent Jordan trade regulatory environment.

There is also a need to make interpretation and enforcement of regulations consistent across all borders and JCD Customs houses by providing officers from JCD and other government agencies a tool to find easily all regulations applicable to a specific tariff classification code.

Currently it is quite difficult to achieve such a consistency since the only description of additional requirements presented by ASYCUDA when processing a commercial declaration is in the form of “flags”².

The current process for regulation interpretation raises a question whether a ministry would know all their regulations related to a specific commodity given that they were not involved in the interpretation of their regulations?

Government agencies grant permits, exceptions and licenses to the private sector. There might be certain difficulties experienced at the border when processing shipments because currently there is no link between JCD’ tariff interpretation of the regulations and the permit issuance process of the regulatory agencies.

One of the expected CITS’ benefits will be introducing content standards for customs related regulation – achieved by consensus among regulatory agencies.

Business Context

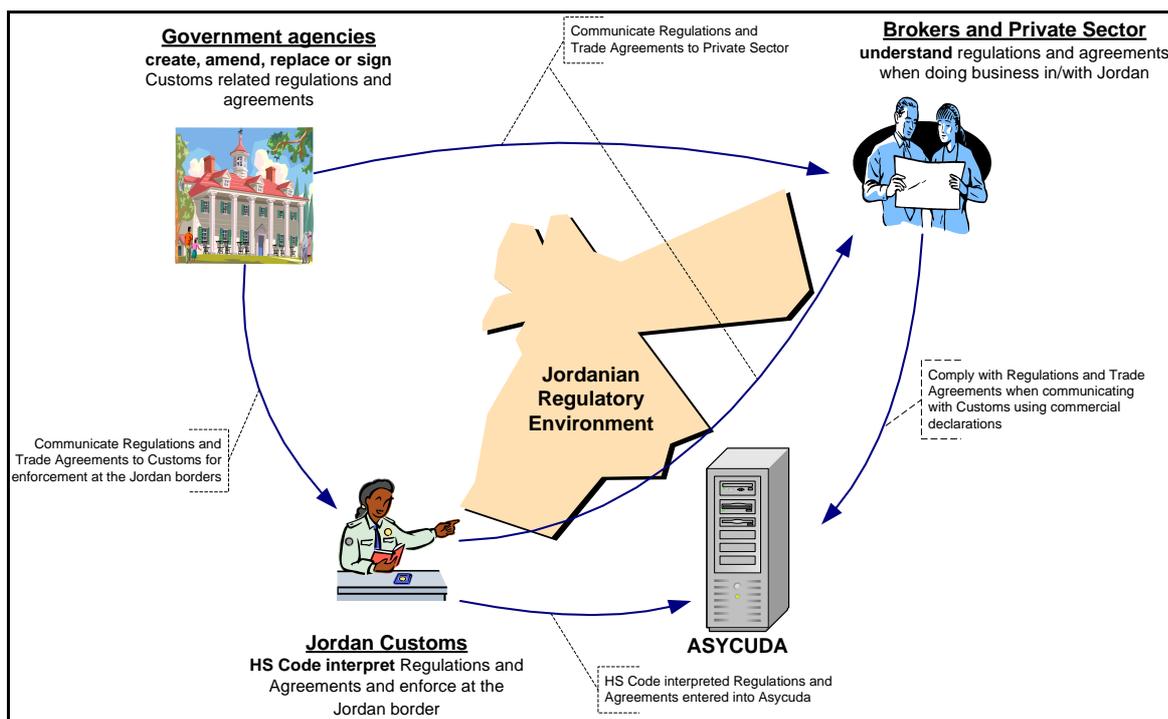


Figure 1 - Current regulations development and communication context

A government agency develops a new or amends or replaces an existing Customs related regulation. The regulation is communicated to the private sector via the official government gazette or / and to the JCD via fax, mail, courier or a phone call³, depending on its urgency.

² For example the AD001 flag equals Ministry of Agriculture – meaning we need something from the Ministry of Agriculture but we do not know what exactly is required from the ministry. There is no link between a tariff classification code and a particular set of regulations related to that code

³ Telephone requests are always followed by a written request from the OGA.

Based on the text in the declaration, the JCD Tariff Directorate “interprets” the regulation for the enforcement and enters the agency’s unique identifier – a “flag” next to the selected tariff classification codes. If a flag already exists no further amendment happens. At no time do we know whether there is more than one regulation from the same agency linked to a tariff classification code. As a consequence, identifying and tracking any amendments to or removal of a regulation would be very difficult.

The Customs related regulations are enforced when the content of a shipment is declared to JCD when a customs broker submits a commercial declaration via ASYCUDA. The ASYCUDA declaration processing engine applies business rules and:

- Calculates the duty amounts;
- Takes into account preferential treatments if a specific trade agreements was selected by the declarant before the commercial declaration was submitted;
- Additional documentation requirements - the “flags”; and
- Reroutes the commercial declaration into one of the green (no further requirements), amber (document check required) or red (physical and document check required) channels;

Stakeholders

JCD’s Tariff Directorate

The JCD Tariff Directorate has the tariff classification and tariff interpretation expertise. The JCD Tariff Directorate is responsible for monitoring, interpretation and implementation of trade agreements and customs related regulations from OGAs.

It has been decided by the CITS Steering Committee that the comprehensive tariff section at tariff and trade agreements directorate will be responsible for hosting and maintaining the CITS content, resources will be assisted and allocated when CITS is activated;

Regulatory Government Agencies

Government agencies create, amend, replace and remove their own regulations. The OGAs also have the technical knowledge and understanding of the purpose and intended impact of a particular regulation.

Other government agencies also grant permits, exceptions and licenses to the private sector.

Declaration Processing Staff

There officers from both JCD and other government agencies processing shipments and implementing regulatory requirements at borders and JCD Customs Houses.

Jordan Customs Department (JCD)

Formal ownership of the CITS should be granted to the Jordan Customs Department. CITS will be implemented and maintained by the JCD Tariff and IT Directorates.

Private Sector

Private Sector – traders, shipping agents, cargo operators, freight forwarders, investors and other entities need to comply with the Jordan regulatory requirements. The private sector needs to have access to up-to-date and accurate information related to tariff and non-tariff measures.

Customs Brokers (clearing agents)

Brokers fill in and submit commercial declarations to JCD on behalf of the private sector companies. The accuracy of their work directly affects the workload of the JCD and, as a consequence, the pace at which shipments are processed.⁴

CITS Business Model

Proposed CITS business model that needs to be approved by the CITS Steering Committee introduces a new stage into the regulation communication process – linking technical expertise from the government agencies and tariff code knowledge in the JCD Tariff Directorate. A draft of a regulation is developed by a government agency using the current processes and then submitted via the CITS facilities to the JCD Tariff Directorate for tariff interpretation. A regulation in the draft form is treated by the CITS system as “confidential” and is only accessible by a group of selected users (i.e. Tariff Directorate and the government agency)⁵.

The JCD Tariff Directorate staff will “Tariff code interpret” the regulation and sends the “interpreted draft” of the regulation back to the OGA.

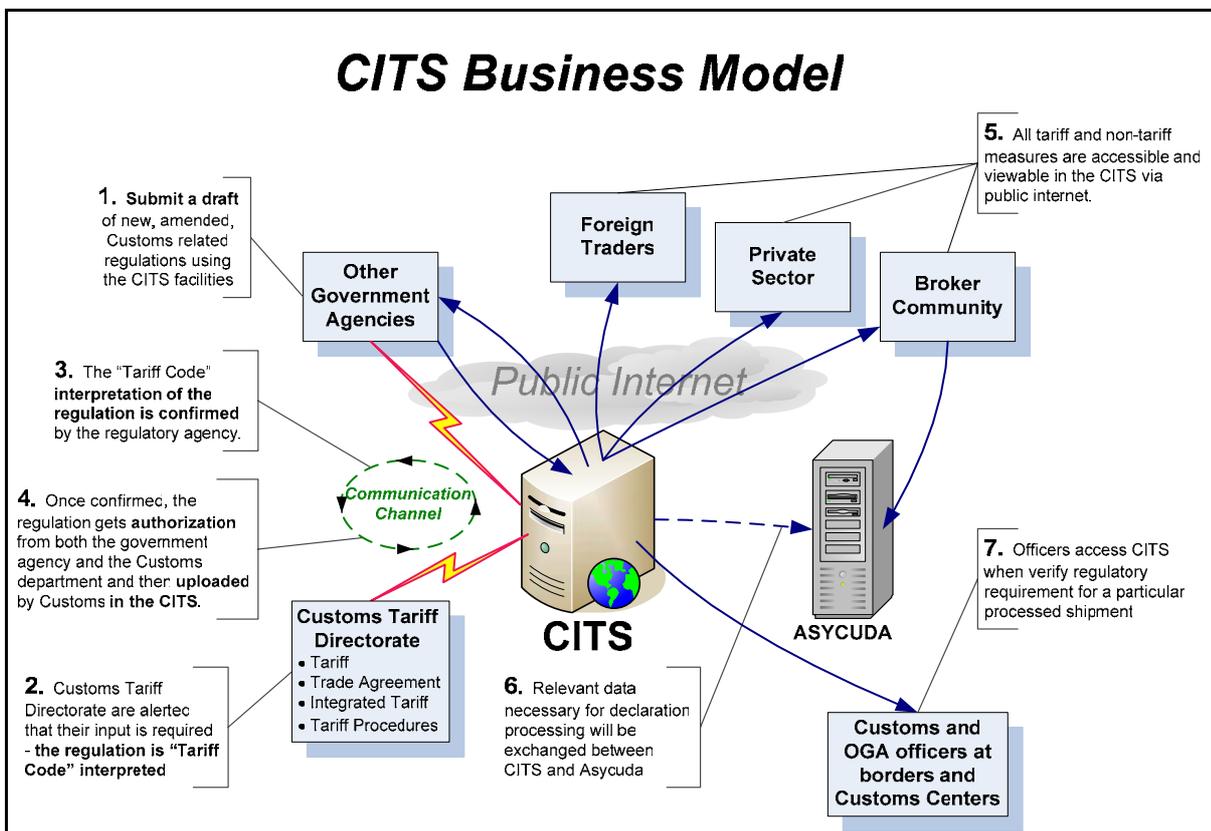


Figure 2 - CITS Business Model

⁴ The lack of technical competency of the clearing agents in Jordan represents one of the highest impediments to international trade. The CITS solution will help in at least one area of competency building for the clearing agents.

⁵ The CITS solution could, at a future date facilitate a “notice and comment” process where the draft regulations would be available for public comment prior to finalization.

The OGA needs to confirm that the interpretation covers commodities as intended in the regulation. The ultimate responsibility and ownership of the proposed regulation remains the responsibility of the OGA.

After the confirmation, the regulation goes through the approval channels in both the regulatory OGA and the JCD. (Ideally, the approval process would be carried out using the CITS facilities, even though there is likely a requirement to receive a hard copy of the regulation through the current conventional channels, as well due to the untested law on electronic signatures.)

All tariff and non-tariff measures, linked to a tariff code, are accessible via public internet using common internet browsers. Since certain features of the CITS are personalized, an initial registration, providing username and password, will be needed.

There is going to be only one source of tariff and non-tariff measures. CITS will provide facilities for tariff and non-tariff measures maintenance and administration. Since ASYCUDA is the backbone of the Jordan JCD' operations, all data necessary to process commercial declarations will be exchanged between CITS and ASYCUDA.

Officers from JCD and other government agencies that are processing commercial declarations and shipments will have access to all regulations related to a particular shipment or a commodity. A shortcoming of the CITS solution has been identified that the ASYCUDA architecture and its underlying technology will require users to access both systems independently. CITS will "feed" information to ASYUDA to insure that CITS and ASYCUDA are synchronized but ASYCUDA lacks the capacity to actively interact with CITS. (See section 6.3)

Business Interactions

An **OGA** issues or amends a new customs related regulation, which then needs to be communicated to JCD for enforcement and to brokers and private sector for compliance.

(It is assumed that OGAs intend to create commodity specific measures rather than ambiguous measures left open for interpretation on a case-by-case basis. The concept of CITS is making the Jordan regulatory environment more transparent and predictable. Vague or ambiguous regulations are among the strongest tools supporting corruption.)

Brokers and private sector need access to a single source of all tariff and non-tariff measures related to import, export or transit shipments.

Staff from JCD or other government agencies **at the border or JCD Customs houses** need to understand and have easy access to regulatory requirements related to a specific commodity when processing shipments entering, exiting or transiting Jordan.

JCD Tariff Directorate - will own, maintain and administer the CITS content. The Tariff Directorate has the expertise to interpret tariff and non-tariff measures.

JCD users – will use both the public and restricted sections of the database to properly classify the merchandise under the Jordan Consolidated Tariff Nomenclature as well as apply all tariff and non-tariff measures for the clearance of goods.

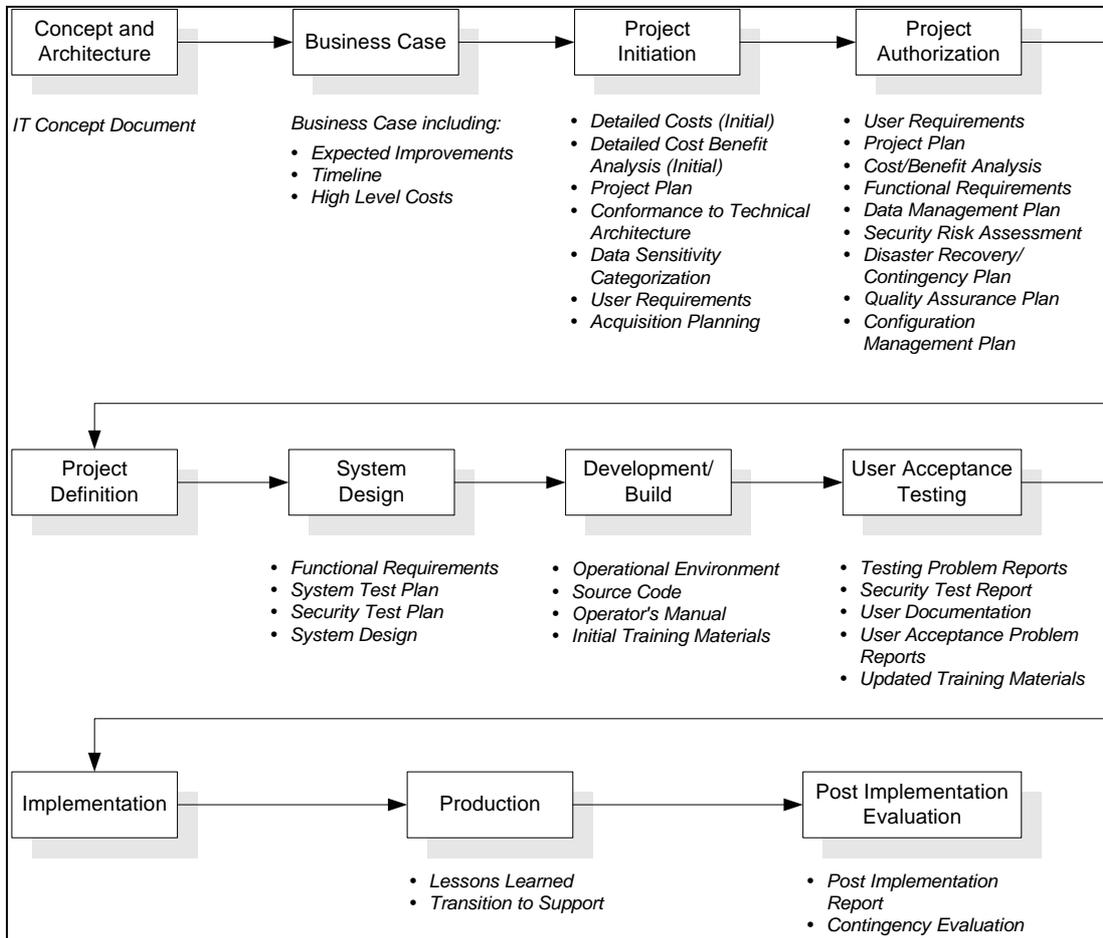
Expected benefits of CITS

By designing and developing an integrated tariff, Jordan National Customs can:

- CITS will become a continuously updated single “rule book” for international trade in Jordan
- Provide Customs officers, representatives of other Jordan government agencies, the trading community and the public with a single window into all regulations and requirements associated with goods imported, exported or in transit through Jordan;
- More accurate and consistent interpretation and implementation of regulations as well as a more transparent Jordan trade regulatory environment.
- Capturing the decision making process when HS code interpreting a regulation;
- Speeding up the process for implementation and enforcement of tariff related regulations;
- Keeping history of and chronologically linking and presenting amended or superseded regulations;
- Improve the compliance and enforcement of Jordan’s trade requirements (including security, public health, safety, import and export control and payment of applicable taxes and duties);
- Reduce the cost and burden of processing trade transactions for both the trade community and the government by allowing more efficient access to information and more consistent application of rules and regulations;
- Reduce the current burden on Customs of receiving correspondence relating to regulations and requirements from other agencies, distributing these internally and to Customs houses, and updating existing paper-based registries;
- Provide better reporting capabilities on rules and regulations associated with particular tariff headings, tariff chapters and tariff items;

CITS development methodology

The methodology selected for the development of CITS has been proposed in the IT Strategic Plan for the Jordan Customs Department in 2002.



Project documentation

Project Management Plans

Business Case

The business case was developed by an AMIR consultant Mr. Andrew Ford and submitted in June 2004. The report identified three different CITS development options and recommended an option to use an external software developer to build CITS. Following is an extract from the report justifying the recommendation:

“Rather than using Jordan National Customs resources to design, develop and implement the pilot and subsequent solution, a Jordanian software development company may be used to meet all of the user requirements.

The benefits of using an external software developer include the following:

- Potential reuse of similar work undertaken by the developer in the past;

- A more robust and professional approach to IT project management increasing the likelihood of success for the pilot and beyond;
- A commitment to continuously improving and modifying the solution over the expected lifetime of the solution;
- The project will not be hostage to changed priorities or limited resources available within Customs; and
- Development of an Arabic interface.

The disadvantages of this approach include the following:

- The solution will be more expensive as market rates for design, development and implementation will need to be paid;
- A fee will need to be paid for maintenance, modification and upgrade of the solution;
- Modifications to the solution may require cumbersome administrative processes involved with configuration management and project change management;
- There may be no or limited access to the source code, limiting the ability for Jordan National Customs to modify the product on their own;
- External software developers will not be as familiar with the legacy data and applications currently in use within Customs; and
- There may be a need to acquire the necessary hardware and software associated with the proposed solution.

This solution is recommended as it is less expensive than buying a COTS product and is more likely to meet the user requirements that will come out of the business analysis component of this project. This solution is also more likely to be delivered in an acceptable timeframe for AMIR/USAID and will benefit from more disciplined and proficient IT project management.”

The report’s rationale for not recommending the JCD in-house development option was as follows: “This solution is the cheapest option and the one that would most likely meet Custom’s requirement as well as the requirements of other agency users. However, it is doubtful whether Customs has the capability or resources at present to deliver this system.”

Project Plan

First project plan prepared by Lubomir Dvorsky in August 2004 and the initial estimates were to complete the CITS project 27 April 2005. 185 days were estimated to finish definition and collection of the CITS content, 210 days were estimated for development of the IT system and 85 days for design, development and testing of the CITS – ASYCUDA interface. 130 days were estimated for the Business Process Reengineering at the JCD IT Directorate. The CITS Steering Committee approved the project plan at its first meeting held on 16th August 2004.

Delays and almost no progress in the CITS IT part between October 2004 and March 2005 (when CNS was engaged) led to an update of the project plan prepared by CNS on 9th of March and pushing the CITS go-live date to 3rd July 2005.

The last version of the project plan provided to the writer of the report on 26th June 2005 is included in the appendix of this document. An electronic copy with all tasks will be a part of the CITS electronic documentation archive.

Maintenance of Project Records

All project records and documentation need to be compiled and maintained by the AMIR program. It is also recommended that JCD will create its own archive of the documentation in

order to avoid potential difficulties the CITS project is facing with the lack of ASYCUDA documentation.

Project management

Planning and Scoping

As part of strategic planning, Jordan Customs Department (JCD) has identified the need for increased coordination between the various agencies that have border management as a key element for better facilitation of trade. This has also led to identification of a need for a fully integrated tariff system.

The CITS scope was initially defined by Mr. Hekala and further refined by AMIR consultants Dale Torrence and Andrew Ford (see their reports for more information) in the first half of 2004 and then leading to a business case developed by Mr. Ford. Lubomir Dvorsky built on conclusions and recommendations of the previous consultants.

The concept of the Comprehensive Integrated Tariff System was developed after extensive consultations with JCD and AMIR experts and presented at a meeting with His Excellency Mahmoud Otieshat, JCD Director General , Directors of Tariff, IT and Planning Directorates, and the USAID and AMIR executive in July 2004 by Mr. Dvorsky. The concept has been accepted and full support promised by the JCD Director General.

Project Governance

The Customs, Director General issued an order to set up a CITS Steering Committee (SC) governing development and completion of the CITS. Its first meeting was held on 16 August 2004.

Roles and responsibilities

Role and Name	Responsibilities
Project Sponsor - H.E. Mahmoud Otieshat, Director General JCD	<ul style="list-style-type: none"> • Provide business resources as required • Communicate benefits of the CITS projects at the senior level • Engage other government agencies
CITS Project Steering Committee – Chairman Omar Harasees	<p>Responsible for the delivery of the project</p> <ul style="list-style-type: none"> • Provide overall direction and management of the project • Monitor project progress against the agreed plan • Meet fortnightly • Report progress to JCD DG • Report progress to USAID through the AMIR Program • Resolve issues • Authorize assigning tasks to relevant directorates and the project working team
CITS Project Work Team – Team leader Abdullah Joudeh	<p>Responsible for the execution of the project tasks</p> <ul style="list-style-type: none"> • Complete the tasks according to the agreed project plan • Collect, consolidate and enter information identified • Provide help with draft interpretation of regulations and trade agreements
Director Tariff Directorate - Omar Harasees	<p>Provide resources and leadership to:</p> <ul style="list-style-type: none"> • Define and capture detailed business requirements • Develop templates for regulations and trade agreements

Comprehensive Integrated Tariff System

Role and Name	Responsibilities
	<ul style="list-style-type: none"> • Identify regulation information sources • Validate interpretation of regulations and Trade agreements • Clarify the interpretations with technical experts from government agencies, if necessary
<p>Tariff Department Experts – as advised by the Director of Tariff</p>	<p>Provide Tariff expertise to:</p> <ul style="list-style-type: none"> • Define and capture detailed business requirements • Develop templates for regulations and trade agreements • Identify regulation information sources • Validate interpretation of regulations and Trade agreements • Clarify the interpretations with technical experts from government agencies, if necessary
<p>Director IT Directorate – Somaya Al-wahoush</p>	<p>Provide resources and leadership to:</p> <ul style="list-style-type: none"> • Define and capture detailed business requirements • Define, design and build the CITS back-end database • Define and consult on building the CITS web interface with AMIR contractor • Define, design and build solution for integration of CITS and ASYCUDA • Identify and set up the CITS infrastructure
<p>IT Department Experts - Zakaria Al-hamore, Nesreen and Majeda</p>	<p>Provide expertise to:</p> <ul style="list-style-type: none"> • Define and capture detailed business requirements • Define, design and build the CITS back-end database • Define and consult the CITS web interface • Define, design and build solution for integration of CITS and ASYCUDA • Identify and set up the CITS infrastructure
<p>AMIR Program Customs Subcomponent Manager – Walter Hekala</p>	<p>Provide expertise and resources to:</p> <ul style="list-style-type: none"> • Define and maintain strategic direction of the CITS project; • Identify resources to build an IT platform for the CITS solution, in case the existing infrastructure is insufficient;
<p>AMIR Customs Expert – Jamal Olaimat</p>	<p>Provide expertise to:</p> <ul style="list-style-type: none"> • Monitor CITS project progress • Coordinate AMIR resources participating in the CITS project • (as a member of the CITS Steering Committee) Maintain CITS strategic direction

Role and Name	Responsibilities
<p>AMIR Tariff Expert – Mohammad Al-Said</p>	<p>Provide expertise to:</p> <ul style="list-style-type: none"> • (as a member of the CITS Steering Committee) Maintain CITS strategic direction • Define the Comprehensive Integrated Tariff System’s content; • Define standards and formats for identified content of the CITS, e.g. regulations, quotas, restrictions, and trade agreements; • Supervise collection and consolidation of the identified CITS’ content; • Assist with JCD tariff classification of the collected content; • Assist JOD IT team in defining and capturing CITS detailed business requirements; • Assist in the development of new processes for other government agencies and JCD to communicate and tariff classify international trade related regulations;
<p>AMIR Public relations Expert - Nour Fares</p>	<p>Provide expertise to:</p> <ul style="list-style-type: none"> • Phase 1 - Develop a strategy and approach to engage other government agencies in the CITS project; • Phase 2 – Develop a strategy and approach for public participation and use of the CITS solution.
<p>AMIR Business and IT Expert - Andrew Ford</p>	<ul style="list-style-type: none"> • In cooperation with the IT and Planning directors of Jordan Customs Department, develop a business case, including a detailed project work plan for an integrated tariff for Jordan; • Assist Customs in the development of a prototype of the integrated tariff based on a single chapter of Jordan’s tariffs for beta testing to be included in the business case (including detailed work plan); • During the development of the integrated tariff business plan, the consultant will identify potential areas for the consolidation of procedures by multiple border agencies; • Evaluate whether the software identified as part of the work undertaken to develop a business case for a human capital development and management IT project for Customs can be used to support the integrated tariff;
<p>Technical expert on the Harmonized System - Dale Torrence</p>	<ul style="list-style-type: none"> • In cooperation with the IT and Planning Directors of Jordan National Customs, work with the Customs Reform and Modernization (CRM) Subcomponent IT specialists to develop a project work plan for an integrated tariff for Jordan; • Building on the developed work plan, the consultant will be the lead technical expert on the Harmonized System and will assist the CRM IT Specialists and Customs in the development of a prototype of the integrated tariff based on a single chapter of Jordan’s tariff schedule for beta testing; • Conduct training sessions for the private sector and government agencies on the principles of tariff classification under the harmonized system;
<p>AMIR Business and IT Expert – Lubomir Dvorsky</p>	<ul style="list-style-type: none"> • Assist JCD in the development of a vision for a Comprehensive Integrated Tariff System: <ul style="list-style-type: none"> • Provide a conceptual prototype of the CITS; • Make presentations to the Director General, Customs Directors and staff of the Tariff and IT Directorates; • Communicate the concept to other identified

Role and Name	Responsibilities
	<p>stakeholders;</p> <ul style="list-style-type: none"> • Research current integrated tariff solutions and initiate contact with those in the Customs Department who have built similar systems; • Assist JCD in managing and steering activities towards the project kick-off day, and in setting up a viable governance structure to ensure a successful outcome of the CITS project <ul style="list-style-type: none"> • Propose the CITS project governance structure, functioning and reporting channels; • Propose Steering Committee and project team members, including definition of their roles, authorities, activities and responsibilities; • Assist JCD and AMIR in definition of major IT tasks necessary to complete the IT part of the CITS project • Assist Customs in the CITS project kick-off by providing the following: <ul style="list-style-type: none"> • Business Model of the CITS solution; • High-level project management plan; • CITS project work efforts estimates; • Major sets of activities required to complete the CITS project; • Coaching of the PSPI tariff expert; • A set of proposed templates for capturing regulatory information; • Running workshop to define major processes, current, and future. • Assist JCD during the further progress of the CITS project in ensuring that the project stays within identified budget constraints, remains on track, and in maintaining the agreed project direction and development of identified and agreed deliverables • Assist Customs in putting in place an appropriate project management framework to ensure proper day-to-day management and progress monitoring of the CITS project. • Assist Customs in definition of major IT tasks necessary to complete the IT part of the CITS project by providing the following: <ul style="list-style-type: none"> • Assistance with definition of the CITS back-end database structure; • Assistance with ASYCUDA – CITS integration requirements; • Assistance in providing cost estimates for the IT infrastructure; • Assist Customs with initial development of project documentation necessary for the project management and progress monitoring: • Assist Customs during the further progress of the CITS project in ensuring that the project stays on track, and in maintaining the agreed project direction and development of identified and agreed deliverables by providing the following: <ul style="list-style-type: none"> • Review and advise on project management methodology and other project matters throughout the CITS development its successful completion;

Role and Name	Responsibilities
	<ul style="list-style-type: none"> • Review and advise on the CITS development business direction in order to achieve what was envisaged and agreed at the CITS project visioning and initiation stages; • Review and advise on CITS technical direction in order to achieve what was envisaged and agreed at the CITS project visioning and initiation stages; • Assist Customs and Border Management Task force (BMTF) in communicating the CITS concept to the other government agencies by providing the following: <ul style="list-style-type: none"> • Review and advise on the approach and methodology taken to communicate the CITS concept and benefits to other regulatory agencies; • Advise on development and implementation of a Customs - OGAs collaboration process for development, HS code interpretation and dissemination of regulations.
<p>IT Contractor - CNS</p>	<ul style="list-style-type: none"> • Provide a The Project Coordinator will be responsible for: <ul style="list-style-type: none"> • Identify and suggest each party’s roles and responsibilities subject to approval by the CITS Steering Committee, CITS Lead Technical Advisor and CRM Subcomponent Manager • Develop and enforce the project communication plan • Be the main contact person for IT coordination among the parties (AMIR, JCD IT, and CNS) • Coordinate the efforts of all parties and be the owner of the overall project plan • Identify and manage project risks • Monitor and control overall project • Report on overall project status • Manage overall project issues and help resolve problems • Provide a Project Manager for the building of the CITS online application and database; • Provide a Technical Team Leader to manage the whole project team; • Provide a development project team; • The assigned team will ensure that cooperation and coordination is established between AMIR, JCD, and CNS; it is expected that the company practices and procedures are available and documented and/or that the people with the essential know-how participate in defining the specifications in order for CNS to be able to set appropriate parameters that will produce an application, which will meet the project expectations; • CNS will provide training and will co-operate with JCD management and staff for successful implementation of the application; • CNS will study the existing JCD environment and accordingly modify and fine-tune the implementation plan. The technical analyst, as well as JCD project coordinator will perform an overall study to map the final JCD requirements. • CNS technical analyst will carry out all the tasks related to the analysis and design of the application using the initial database built by the JCD; • A team from CNS will carry out the development of CITS

Role and Name	Responsibilities
	<p>Online Application (building of Web interface, the database and the middle tier). Also they will provide two senior developers to help JCD in building the CITS Internal Application. CNS team will be responsible to design the middle tier, the templates, and standards for the internal system in addition to helping the JCD team building the application;</p> <ul style="list-style-type: none"> • A team from CNS will carry out the testing and Q&A for each phase; • JCD and CNS will conduct the CITS user acceptance testing
<p>Other Government Agencies</p>	<p>Provide expertise and resources to:</p> <ul style="list-style-type: none"> • Validate developed templates for regulations and trade agreements • Validate interpretations of regulations and trade agreements • Develop and implement new processes for communicating regulations and trade agreements to both JCD and private sector

CITS development - high level tasks

Following are high level tasks as defined and presented at a few workshops with the Customs staff in August 2004.

Integration with other government agencies

Major players:

- H.E. JCD Director General
- Border Management Task Force
- AMIR Program

Major Tasks

- Designing and executing a communication strategy
- Engaging other government agencies in the project
- Negotiations with other government agencies and signing Memoranda of Understanding
- Piloting CITS and collaboration between other government agencies and JCD Tariff Directorate
- Adjusting internal processes in other government agencies for customs related regulations
- Adjusting internal processes in the JCD
- Designing and executing training for all stakeholders

CITS content – processes and templates

Major Players:

- JCD Tariff Directorate
- Project Steering Committee
- AMIR Tariff Expert

Major Tasks:

- Define information sources

Comprehensive Integrated Tariff System

- Define formats and templates for the CITS content
- Define processes for collection, interpretation and validation of the CITS content
- Define project operations framework

CITS Content – project execution

Major players:

- Head of the CITS Project Team
- CITS Project Team
- JCD Tariff Directorate
- AMIR Tariff Expert
- Other government agencies

Major Tasks

- Inventory of regulations and trade agreements
- Tariff classification of regulations and trade agreements
- Classification of regulations according to UNCTAD coding system for trade control measures
- Transforming the content into electronic format
- Content validation by the Tariff Directorate Experts
- Translation of the content into English (Outside the scope for the current project however the CITS IT solution will be produced to permit a complete framework for inclusion of an English content at a later date.)

IT part - Database, ASYCUDA integration and Web Interface

Major players:

- JCD IT Directorate Experts
- JCD IT ASYCUDA Experts
- AMIR Program
- AMIR Tariff Expert
- IT Contractor

Major Tasks

- Define database structure
- Build and test the database
- Examine data exchange between tariff module and ASYCUDA transaction engine
- Evaluate integration between CITS and ASYCUDA
- Design interface between CITS and ASYCUDA
- Integrate CITS with ASYCUDA and conduct thorough testing
- Define user requirements for the system front end with all its functionalities
- Design and build the user interface
- Procure software and hardware means to support CITS

- Deploy CITS into production environment

Risk Management

There has not been any formal repository of the CITS project risks. Risks were identified in consultants' reports and in workshop documentation. Risk management approach adopted during the CITS project has been reactive rather than proactive.

Issues Management

There has not been any formal repository nor tracking of the CITS project issues. Issues have been raised during the CITS project to the CITS Steering Committee as they occurred during the life of CITS project.

LESSONS LEARNED

What Worked Well?

- Bringing a mature organization into the CITS project to provide project management and system development methodologies and guide JCD IT staff throughout the CITS development. JCD's final acceptance of assistance from a private company, when it was previously rejected on a few occasions, proved to be the most important factor in having the CITS launched in July 2005. The writer of the report maintains that the actual IT development work occurred between April and July 2005. The CITS project could have been completed by the end of May 2005 as initially planned if CNS was engaged in November 2004 as planned rather than in March 2005.
- Gaining CITS concept acceptance and support from H.E. JCD DG before starting the actual project work even though it often proved challenging to turn this support into motivation of the JCD staff.
- Frequent CITS project progress reporting from the CNS project coordinator helped us to have a better project control during project critical phases.

What Could be Improved?

- Better preparation of the work environment for the JCD project team members — the project work required intense and greater than usual effort and also included working overtime. Defining ways and means to acknowledge, motivate and reward extended effort of the JCD project members before a project starts could be highly beneficial. We would like to acknowledge that the JCD team members have invested a lot of their spare time and resources to complete version 1 of the CITS project.
- There needs to be more emphasis on preparation of the project team in project management and system development methodology starting from basics such as deliverables and commitment to the deadlines. AMIR provided a project management course for a group of JCD staff in September. Results of such training, if implemented in daily activities of participants, could make future JCD projects more manageable and predictable.
- Even though the importance of documenting meetings, tasks, actions and decisions between IT and business parts has been highlighted on many occasions it has not always been as thorough as needed.
- Complete detailed business requirements were not defined until June 2005. Many features were defined and developed during the system coding and the difference between "nice to have" and "has to have" system features might not always been understood. A proper methodology for change management control and structures needs to be defined and followed in order to avoid potential scope creep in CITS version 2.
- Communication between JCD business and IT staff was sometimes lacking. This is a common weakness in most IT projects.

- Staff selected and assigned to the project have to be 100% committed to the project without being disturbed by other JCD business.
- Staff and technology selection goals need to be articulated – if one of the objectives is to train internal staff on the selected technologies it needs to be incorporated into the project plan work breakdown structure.
- There needs to be a formal repository for recording and tracking project risks and issues. In the initial project plan, the risk management process must be incorporated in the sub-plans.

Project challenges

- There have been many examples that public sector organizations across the world are not always well equipped to deal with complex IT projects such as CITS. This is not to say that private sector organization have proved to be any better. The common issues are lack of expertise in project management and methodologies for IT systems development, lack of documentation of the existing IT systems, lack of documentation of the existing processes and policies.
- Actual implementation of recommendations and having to deal with large project issues such as working with many stakeholders, public and private sector organizations. Moving on from recommendations into actual product production was quite a challenge.
- The major challenge slowing down the CITS project was the interface between CITS and ASYCUDA. Since there is a very close relationship between the interface and the CITS back end database, this part of the project has always been understood as difficult, important and critical. Strategies to build such an interface have been identified at a few meetings between JCD IT and ASYCUDA experts and the AMIR contractor held at the JCD IT Directorates premises in July 2004. A complete map of tariff related rules and equation built in ASYCUDA was identified as the baseline necessary to build an interface between CITS and ASYCUDA. To my knowledge no such map has been provided at the time of writing this report. The lack of a documented process in ASYCUDA continues to be a major risk to Customs IT management.

ASYCUDA, its architecture and technology, is quite old. The expertise to develop interface between ASYCUDA and CITS is very limited not only in Jordan but worldwide. UNCTAD, the owner of the ASYCUDA source code, has its own resources thinly spread across the whole world and most of the other organizations that have tried to build interface between ASYCUDA and other systems have experienced numerous difficulties.

Even though the JCD IT directorate has successfully deployed systems in the past that have a direct interface between other systems and the Oracle back end of ASYCUDA, the JCD staff that did the integration work and have been praised as the world class ASYCUDA experts are have left the JCD.

- The CITS project uncovered certain anomalies in ASYCUDA where tariff related rules, equations and tariff coding have been coded in by various Customs officers throughout the ASYCUDA life cycle without proper documentation. Due to lack of ASYCUDA documentation (the initial system set up, rules and equations) ASYCUDA and the interface between CITS and ASYCUDA ended up to be much a greater challenge for the JCD IT team than what was initially expected by both JCD and AMIR. Considering that ASYCUDA is JCD's business critical system this problem is likely to haunt JCD in the future.
- A second major issue was the decision making process in issues related to the tariff structures that have been uncovered during the CITS project. Some of the issues go beyond Customs and are related to the overall communication processes between Customs, other government agencies and bodies issuing tariff related regulations.
- The lack of ASYCUDA system documentation – many of the tariff issues have been resolved by the Customs IT team – and the knowledge has not been documented – made it very difficult to

uncover equations and business rules that have been incorporated in ASYCUDA. The fix it, change it, don't document the process is one of the separating steps between highly professional IT teams and those that are not.

- Converting the project support at the conceptual level, where most of the Customs executive understood benefits and supported CITS concept, into the project support at the execution level – ranging from policy decisions to rewarding the staff for working extra hours – was lacking. Converting initial enthusiasm and commitments into a tangible support and contribution during the system design and development must be addressed in future projects. There needs to be a better coordination with Customs to have projects, that need Customs to contribute dedicated resources and management structures, incorporated into the Customs work plans. This problem can be also resolved by using a more comprehensive breakdown of the work packages in the project planning stages.
- Change of the director of the JCD Tariff Directorate and the Head of CITS Steering Committee had both a positive and negative impact. An undercurrent challenge during the CITS project was fear of prior errors coming to the surface.

Appendix A - Business Processes

Following is an initial draft of proposed business processes that needs to be addressed by version 2 of the CITS. The task during the gathering of the CITS business requirement was:

Taking into consideration the scope of the CITS project, identify, define and map the business processes to be supported by CITS.

In order to execute previously identified processes, define the following:

- Activities that need to take place to complete the identified process
- Actors who need to perform these activities
- Process flow rules involved in transitions between the activities in the process

Regulations and orders

- Create a new regulation
- Amend existing regulation;
- Replace a regulation;
- Disseminate a regulation or an amendment to the selected audience;

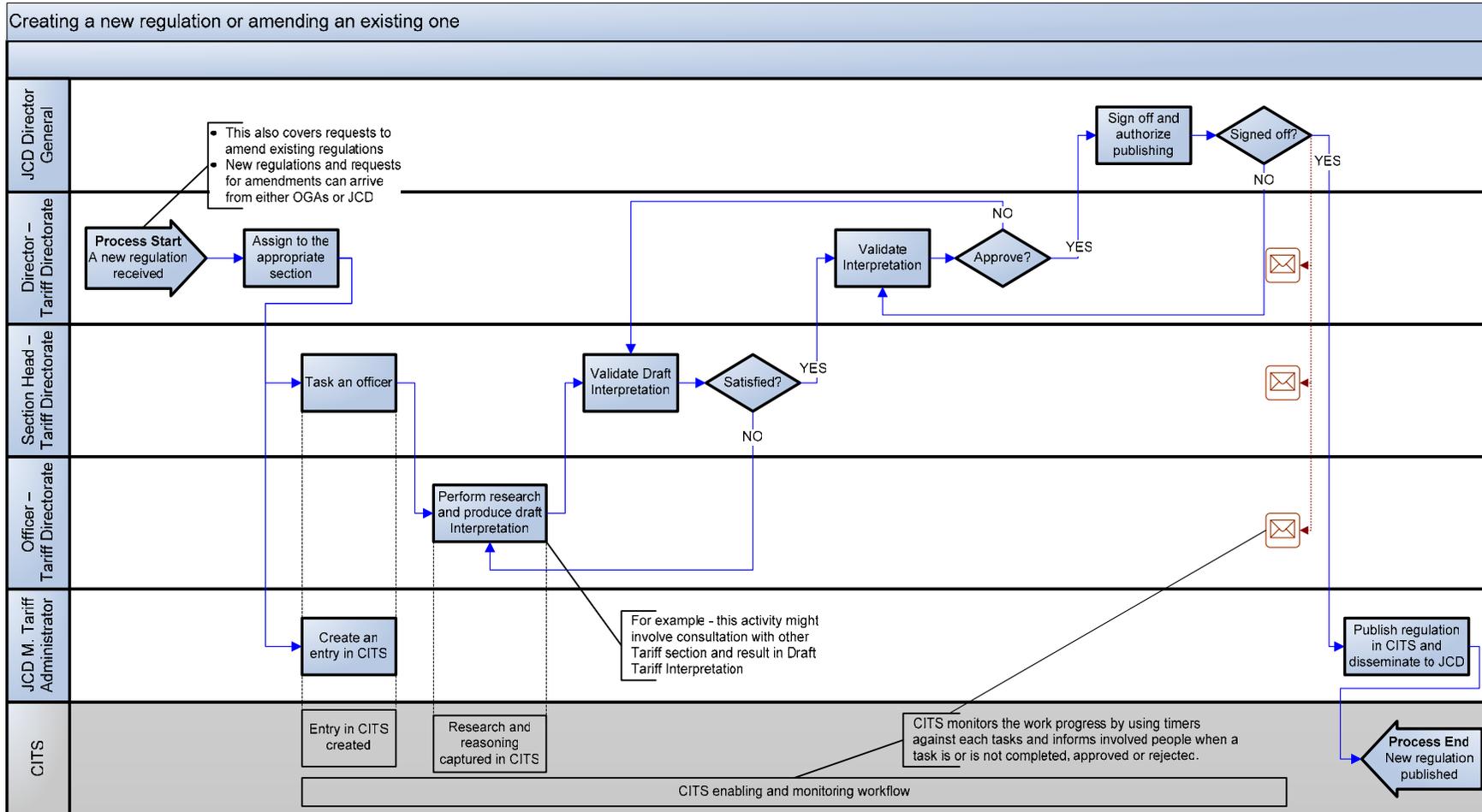


Figure 3 – Process - Create new regulation

Trade agreements

- There is a calculation mechanism in ASYCUDA calculating the duty rate; calculation of duties in ASYCUDA does not depend on a calendar reduction, the reduced rates are either feed to the system or a percentage of reduction from the base rate is fed to ASYCUDA usually annually. CITS is designed to make the reduction automatically by implementing the appropriate reduction when it is due.
- Create a trade agreement;
- Amend a trade agreement;
- Disseminate information about the new trade agreement to the selected audience;
- Update, automatically or manually, the duty rate for trade agreements with annually changing duty rates (the changing dates will differ from agreement to agreement, based on the date a particular trade agreement was signed);

Advance Tariff Interpretations (Future)⁶

Request on line Advance Tariff Interpretations (Note: Field level customs officers may use this process to receive advise as well as the private sector for Tariff Directorate assistance);

Create a new interpretation of the Jordan Consolidated Tariff Nomenclature (binding tariff ruling or non-binding tariff advice);

Modify an interpretation of the Jordan Consolidated Tariff Nomenclature (binding tariff ruling or non-binding tariff advice);

Respond to the requestor with the Tariff Interpretation;

Post new or amended tariff interpretation binding rulings in the public domain of CITS and non binding tariff advice in the customs domain of CITS;

Advance Tariff Rulings (Future)

- Request a tariff ruling (binding) using CITS online facilities
- Create a new binding ruling;
- Amend or cancel an existing binding ruling⁷;
- Respond to requestor with the binding ruling;
- Extract the proprietary information from the binding ruling;
- Publish new or amended tariff ruling in the public domain side of CITS;

⁶ The V1 release of CITS will not activate this feature. Business process changes in the Tariff Directorate changes required to respond to customer needs must first be designed and implemented prior to activation of these processes. As a example, the business process changes must include responsibility delegation, define acceptable turnaround times etc.

⁷ Binding ruling are currently proposed in a package of legislative changes put forward by the JCD to the Government. Binding rulings are just that, legally binding on the Government. Binding rulings can be modified or canceled if it is later discovered that the binding ruling was based on inaccurate information provided to the customs at the time the ruling was requested.

Advance Tariff Advice (Future)

- Request advice (non-binding) using CITS online facilities;
- Create and approve advice;
- When advance tariff advice is sent to the requestor, it becomes a part of the available CITS content in a restricted section available for internal JCD use.

Comprehensive Integrated Tariff System

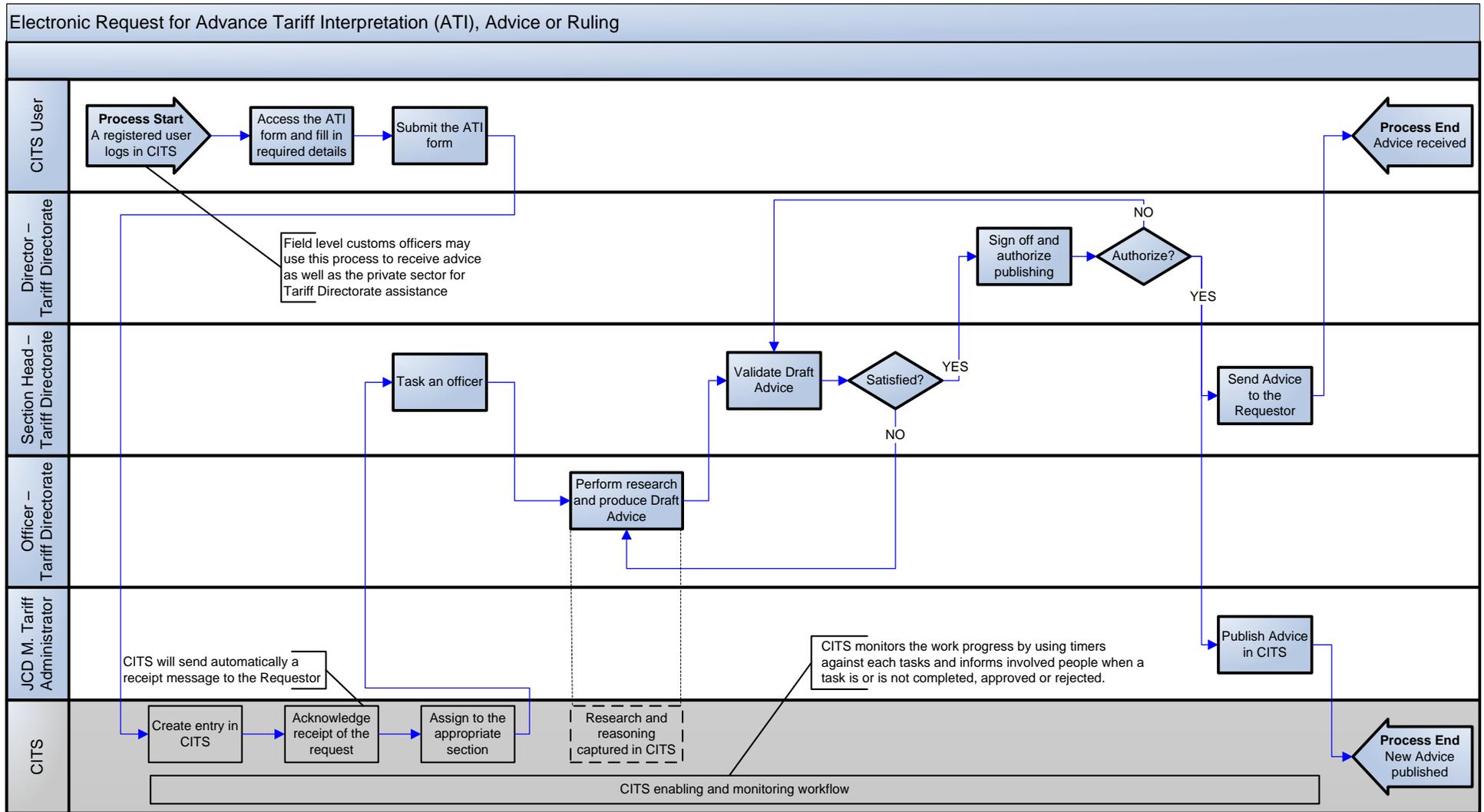


Figure 4 - Electronic request for Advance Tariff Advice, Ruling or Interpretation

Jordan Consolidated Tariff Classification Tables

- Create a new Tariff Classification Table code, word description, or duty rate;
- Amend existing Tariff Classification Table code, word description or duty rate;

General Sales Tax (GST)

- Amend GST or Special Sales Tax;
- Disseminate information about the new GST to the selected audience;

Appendix B - CITS Content Development

- CITS will include tariff classification tables starting from the year 1997 up to the currently implemented ones.
- Information related to the Jordan Consolidated Tariff Tables is:
 - Jordanian tariff nomenclature;
 - Tariff nomenclature amendments - with a reference to number and date of the official gazette in which amendments have been published;
 - Jordan Consolidated Tariff duty rates;
 - Bases for tariff duty calculation
 - Measuring units
 - Classification rulings – Binding rulings issued by the JCD including those based on WCO opinions;
 - Advance Tariff Interpretation - issued by JCD (for requesting party and for internal use by JCD only)

CITS Content Definition

Jordan Consolidated Tariff Classification Nomenclature

The Jordanian Tariff Nomenclature is based on the international convention on the WCO Harmonized System (HS).

It consist of legal notes (section and chapter notes) and tables (decimal coding system, commodity group description and tariff duties).

Following is the applied tree structure:

- **Sections** – the Harmonized System is divided into 21 Sections, where each section covers a specific group of goods such as animals, textiles, vehicles, etc.

Section number is not reflected in the HS 6 digit commodity code.

Each section contains a section title, section legal notes and a number of chapters

Section legal notes are applied to all chapters in that section.

Only the WCO can make changes at the section level, no local amendments are allowed.

- **Chapters** – there are 97 chapters found in the HS numbered from 1 to 97 (chapter 77 is blank) and each chapter deals with a commodity or a group of related commodities.

Each chapter contains a chapter title, legal notes and a number of 4 digit headings.

The chapter number is reflected in the first two digits of the HS 6 digit commodity code (i.e. H.S international 6 digits code or H.S local more than 6 digits code), it is represented of the H.S tariff code.

Chapter legal notes are applied to all headings in that chapter.

Comprehensive Integrated Tariff System

Only the WCO can make changes at the chapter level, no local amendments are allowed.

- **Headings** - consist of a four digit code and the text specifying the group of commodities classified within a particular heading.

The first two digits represent the chapter number and the third and fourth digits represent the numerical order of the headings in that chapter

Only the WCO can make changes at the headings level, no local amendments are allowed.

- **Subheadings** - consist of a six digit code and the text specifying the group of commodities classified within a particular subheading.

The first two digits represent the chapter number which the heading belongs to, the third and fourth digits represent the numerical order of the heading in the chapter, the fifth and sixth digits represent the numerical order of the subheading in the heading.

Only the WCO can make changes at the subheadings level, no local amendments are allowed.

- **Local subheadings** - local subheadings in the Jordanian Tariff Nomenclature consist of an eight digit code and the text specifying a group of commodities to be classified in this local subheading.

The seventh and eighth digits represents the numerical order of the local subheading in the subheading, amendments at his level are made by cabinet decisions.

- **Tariff position** - consists of local subheadings (eight digit code and the text specifying a group of commodities)

Duty rate amendments are made by cabinet decisions at this level.

Important: classification process must reach the tariff position.

Tariff Nomenclature data elements:

- HS code
- Commodity description
- Tariff duties
- Base for collecting tariff duties (value, measuring unites)
- Date of entering into force
- Official gazette number and issuing day

Code	Description
	SECTION I - Live animals; animal products (chapter 1 - 5)
01	CHAPTER 1 - Live animals
02	CHAPTER 2 - Meat and edible meat offal
03	CHAPTER 3 - Fish and crustaceans, molluscs and other aquatic invertebrates
0301	Live fish
	Ornamental fish
0301101000	Freshwater fish
0301109000	Saltwater fish
	Other live fish
0302	Fish, fresh or chilled, excluding fish fillets and other fish meat of heading 0304
0303	Fish, frozen, excluding fish fillets and other fish meat of heading 0304

Figure 5 - A possible web presentation of the National Tariff Nomenclature

Regulation

A regulation can also be referred to as an order, instruction, proclamation etc. A regulation can be related to a specific commodity or group of commodities within one tariff code or to specific commodity or group of commodities within a group of tariff codes.

It is proposed that the body of the regulations which are only available in hard copy will not be retyped in the CITS, only the regulation description (all the other fields in the regulation) will be populated. The documents will be scanned and attached to the regulation description.

A regulation can be accessed in a few different ways:

- a. A CITS Web User would access a regulation via the Regulation Window when arriving at the "Tariff Positions" using available search facilities.
- b. Customs and government agency administrators might want to search for a regulation using the following criteria:
 - Regulation number;
 - Search by government agency;
 - Full text or keyword search;
 - Time periods;
 - Trade agreements;
 - Customs implementing directive;
 - Other regulatory reference or any combination of the mentioned criteria.

Important: It should be noted that the information related to the regulation accessor is only available to the JCD Tariff Directorate Users.

Trade Agreement

Trade Agreements come in many forms. Some, such as EU and US Trade agreements, are written in a comprehensive form covering many commodities and many issues

such as Tariff rates, Quotas, Preferences, Exemptions, Rules of Origin, Customs formalities, Concessions etc. Others are signed as generic statements of cooperation among participating countries.

CITS needs to include following information related to trade agreements:

- Preferential duties for each trade agreement based on the country of origin;
- Exemptions related to specific commodities or to specific conditions stipulated in a trade agreement, e.g. shipping criteria;
- Concession defined by time intervals;
- Agriculture calendars;
- Rules of origin;
- All duties applied to a certain commodity from all origins of preferential treatment;
- The actual legal text of trade agreements; this will be divided to the following groups which will contain the image of 1- certificate of origin required by the agreement 2- rules of origin 3- special conditions for implementation 4- full agreement text

Interpretation for Tariff Ruling or Advice

Following are the required fields:

- Advance Tariff Ruling or Advice ID number
- Public or restricted (for tariff rulings the initial ruling is restricted to the requestor, the public section ruling that has the proprietary information removed could be the same number but with a suffix of P - for Public. For the Advice, the numeric could be prefixed with A)
- Interpretation – Tariff Code
- Date Issued
- Rulings superseded (for Rulings only)
- Rulings amended (for Rulings only)
- Product description
- Classification Rationale (including references to related Binding Rulings)
- HS codes considered (and rejected)
- Ruling expiration date

General Sales Tax

As have been decided by the CITS steering committee in its fourth meeting that the CITS will follow the same format⁸ as in the ASYCUDA GST related data.

GST data elements that have to be included in CITS are:

- GST rate (exempted, zero, 4%, 13%, 16%)
- Special Sales Tax (SST) rate

⁸ The decision was "to follow the same tariff code distribution for GST as in the ASYCUDA", that is not to reallocate HS codes for GST rates, but will use those already existing and allocated in ASYCUDA

Comprehensive Integrated Tariff System

- Bases for calculating GST and SST
- Measuring units for calculating SST specific rates
- Date of entering into force
- Official gazette number and issuing day for amendments
- Reference for interpretation (usually it is a letter from the GST DG containing legal notes interpretation for applying a certain S.T rate)

Other Taxes, Duties and Fees

See the definitions.

“The Jordan Customs Department is authorized to collect certain fees, duties and taxes in its own behalf and in behalf of other government agencies. These charges are not necessarily related to specific commodities but are more often related to specific services that may be part of the import process. As an example, the JCD is authorized under the Jordan Customs Law to charge a fee for the inspection of goods at the premises of the importer. (Currently this fee is not charged.) The following fees are a complete list of the additional taxes, duties, fees or other charges that may be applicable to a certain shipment. This list **only includes fees collected directly by the JCD**. This list **does not** include fees or charges payable prior to the time of the customs clearance such as license fees charged by other government agencies prior to the transaction or fees that may be charged subsequent to the border transaction. Examples would be obtaining an import or export license. Some OGAs have authorized the JCD to collect the other taxes, duties, fees and other charges in their behalf. **Other Jordan Government Agencies currently may require you to pay directly to them other fees related to the declaration process.**”

Data elements that have to be included in CITS are:

duty, tax or fee description

duty, tax or fee amount or rate

commodities affected

HS code affected

Collecting bases (value, fixed amount, units)

Implementation day

Implementation reference (official gazette number or other reference number)

Expiration day

Advance Tariff Interpretation Ruling or Advice

The tariff classification interpretative decisions can come from four different sources:

- The Harmonized System Convention (Binding under international agreement on Jordan)

Comprehensive Integrated Tariff System

- World Customs Organization Classification Opinions (Issued only to Member Customs Administrations directly. May be published or non-published by the WCO.) (Non binding under the HS Convention)
- Jordanian Tariff Committee (To the Jordan Customs employees and to the public based on a request for an Advance Tariff Ruling.)
- Jordan Customs officers in the Headquarters Tariff Directorate (To the Public or to field level Customs officers as an Advance Tariff Advice)

Reference (Master) files

The CITS will also contain a set of following Reference files:

UNICTAD coding system for trade control measures

- Decimal code
- Code description

Statistical units

- Unit description
- Unit code

OGA

- OGA official name
- OGA code

ISO Country Reference File consists of:

- The unique identifier of a country based on the two character ISO Country Code (e.g. US or UK)
- The name of the Country (e.g. Jordan)
- Country Blocs (e.g. EU or GCC)

The currency Reference File Consists of:

- The unique identifier of a currency (e.g. USD or JOD)
- The name of the currency (e.g. US Dollar or Jordanian Dinnar)
- Exchange Rate (source currency divided by the target currency – JOD)
- Exchange Rate Start Date - the date from which the exchange rate is applicable
- Exchange Rate End Date - The date after which the exchange rate is inapplicable

Only JCD Master Administrators can load, create, amend or delete reference files.

Content Sources

Based on the outcomes of a workshop for the Heads of sections of the JCD Tariff Directorate and CITS work team held on 1st September 2004, CITS Steering Committee session held on 15th September 2004 and an approval from H.E. JCD DG from 23rd September 2004, sources of CITS content will include information as from 1997 and contain :

Comprehensive Integrated Tariff System

- All related information from CD DEWAN
- All related information from CD intranet
- All related information from ASYCUDA archive
- All related information from tariff directorate sections private library
- All related information from legal affairs directorate
- UNCTAD tariff and non-tariff measures classification
- Consult and use ASYCUDA content

Data Collection and Interpretation Process

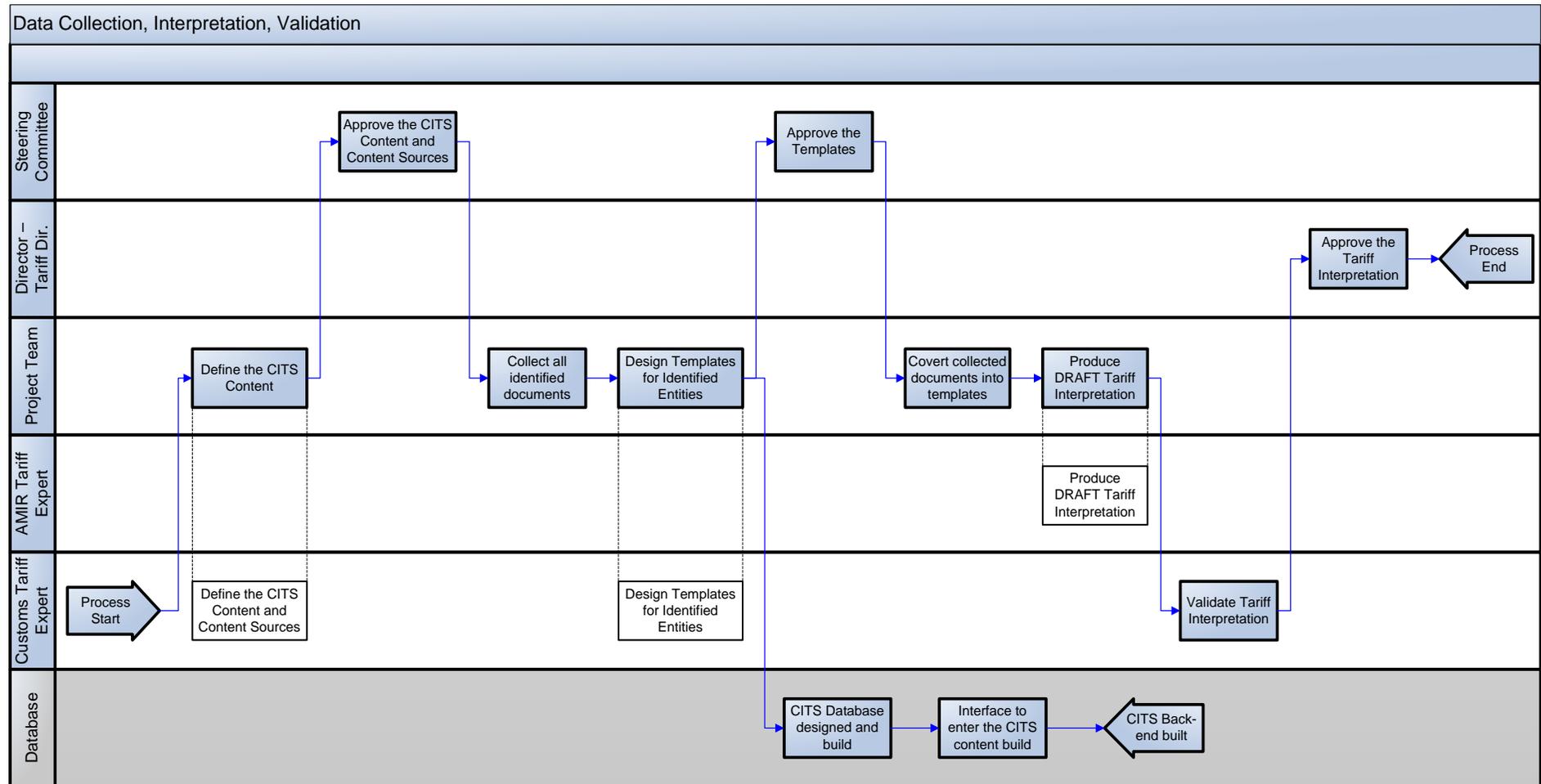


Figure 6- Data Collection and Interpretation Process

Business Rules

The business rules need to come out of business process analysis and business requirements gathering and should be described by the CITS project team.

All entities in the CITS (such as regulations, interpretations, trade agreements) have to be referred to by a unique identifier;

All tariff and non-tariff measures, when in the draft form, are confidential and only accessible by a selected audience from JCD and the particular OGA;

Not all classification advice will be available to the public, certain advice will only be available for JCD internal use;

There needs to be an option, before publishing any kind of measure, to select the intended audience, e.g. public view or JCD view - *we need to remember that CITS is not intended for transfer and storage of any classified information!*

A regulation can have more than one regulation accessor. The CITS will need to alert JCD Master Administrator if the regulation accessor used for a new regulation already exists in the CITS.

Only JCD Master Administrators can load, create, amend or delete reference files.

Appendix C - CITS Application Architecture

Goals and principles

A chosen approach to building the CITS application was to utilize JCD' resources to the best extent possible due to both maintenance and budgetary issues.

The consultant also proposed to follow the path of other customs organizations (Estonia, Lithuania) that are also using ASYCUDA systems and who have recently built their own computerized tariff systems (as a criteria for EU accession). Those organizations have decided to build a computerized system independent of the ASYCUDA life cycle. It is also recommended that the CITS project continues communicating with and makes use of the help offered by the Estonian Customs that has completed a very similar project this year.

The CITS scope is only related to the tariff and non-tariff measures. It is not going to serve as an extensive communication platform between JCD and other government agencies nor is it intended to provide functionality of a document management system.

Ideally we will reuse the current JCD applications, solutions and technologies as much as possible. Examples of such technologies would be existing approach to scanning and maintaining document images or the current approach to disseminating information to the JCD Customs houses or the JCD employees. The CITS should also be accessible to JCD employees via JCD Intranet facilities.

CITS Major Components and Dependencies

The major CITS components are

- **CITS back end database** - its content will depend on the CITS - ASYCUDA integration option selected.
- **ASYCUDA** - the current JCD transactional system.
- **CITS web interface** - providing not only data viewing, searching and retrieval, but also certain workflow functionality and security features.
- **CITS administration module** – provides a toolset for maintenance of the CITS content.

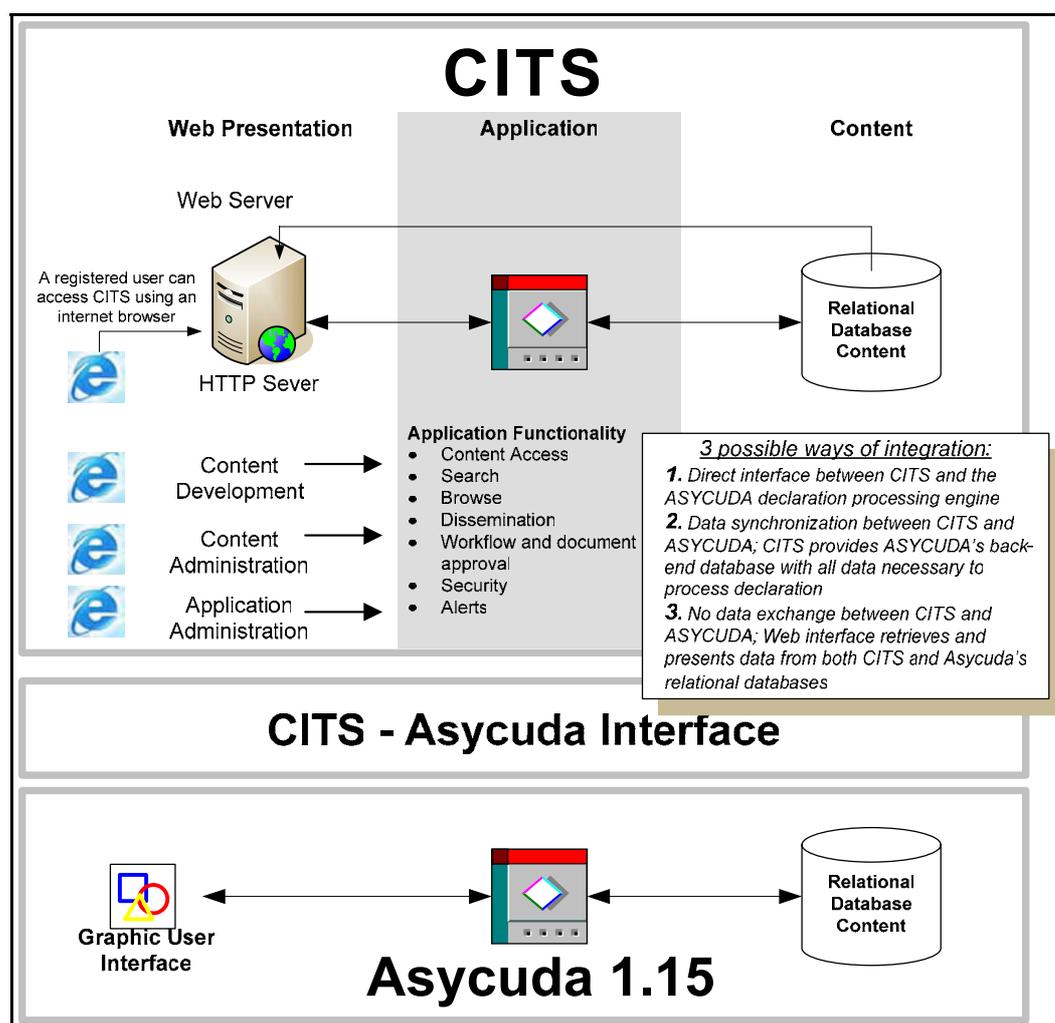


Figure 7- CITS and ASYCUDA Integration

Integration with ASYCUDA

Selected integration option

ASYCUDA, its architecture and technology, is quite old. The expertise to develop interface between ASYCUDA and CITS is very limited not only in Jordan but worldwide. UNCTAD, the owner of the ASYCUDA source code, has its own

resources thinly spread across the whole world and most of the other organizations that have tried to build interface between ASYCUDA and other systems have experienced numerous difficulties.

During AMIR's initial study we have conducted a research on similar projects and have found out that a few of the countries joining EU in 2004 engaged in similar projects attempting to integrate their national tariff systems with ASYCUDA as well as the EU tariff system.

In July 2004 AMIR contacted Mr Andres Kütt, the Deputy Director General of the Estonian Tax and Customs IT, who kindly expressed willingness to share their knowledge and experience from their project and provided answers to a list of questions from September 2004.

After receiving a reply from the Estonian Customs and understanding that the Estonian solution was not a direct integration between the Master Tariff System and the ASYCUDA declaration processing engine (expertise to build such a solution might only exist at UNCTAD – the ASYCUDA owner) and meetings held with Ms. Somaya Al-Wahoush, Director of JCD IT Directorate, and the JCD CITS IT team, assigned by the JCD IT Director to perform the CITS IT related tasks, AMIR recommended option 13.3.2.2 where CITS becomes a single source of tariff and non-tariff measures.

The rationale for the recommendation was as follows:

- It appeared that the solution built for the Estonian Customs is quite complex, expensive and has relied extensively on UNCTAD support; based on our understanding the Estonian Customs still experiences certain integration problems with ASYCUDA;
- Time and resources constraints create need to use local JCD's expertise and already proven solutions where JCD has integrated ASYCUDA with other, locally built modules;
- Already proven solution would increase our confidence in the design, build and consequent maintenance of the interface between CITS and ASYCUDA;

The CITS Steering Committee at its 8th meeting held on 15th December 2004 approved option 13.3.2.2 where CITS becomes a single source of tariff and non-tariff measures. Changes to the tariff related data that also exist in ASYCUDA and is used for customs duty calculations when ASYCUDA processes declarations, will be transferred to ASYCUDA from CITS through an interface.

CD IT Directorate is to develop, design, test and deploy an interface between CITS and ASYCUDA – such a decision was taken by the CITS Steering Committee at its 8th session held on 15th December 2004 and reinforced at a workshop with the Customs DG held on 22nd February 2005. Successful completion of this task will require a large contribution from the JCD Tariff Directorate that is to be designed and built by the JCD IT Directorate.

Other integration options considered

Ideally, the interface solution would use the existing ASYCUDA features for data exchange, i.e. A-Gate. If such a solution is not possible because of known limitations of the ASYCUDA data transfer features, the interface solution should take advantage

from the experience JCD has gained over the years from building interfaces between ASYCUDA and other Customs systems.

There are a few different options of integrating CITS and ASYCUDA with different level of complexity and different levels of final interoperability.

In an ideal solution there would be no need for officers from JCD and other government agencies at the border posts to use two different PCs to access ASYCUDA and CITS applications.

Any of the selected integration options will have no impact on the ASYCUDA Risk Management Selectivity module. ASYCUDA will continue to be the platform for risk management applications.

ASYCUDA Declaration Processing Engine integrated with CITS

All tariff and non-tariff data, as defined in the chapter 5 of this document, is contained in the CITS. All data required to process commercial declarations is drawn from the CITS real-time while the declarations are being processed in the ASYCUDA declaration processing engine.⁹

Advantages:	<ul style="list-style-type: none">• A single system containing all tariff and non-tariff measures;• A system not dependent on the ASYCUDA' life cycle;• A single interface to maintain and administer the CITS' content
Disadvantages:	<ul style="list-style-type: none">• Complexity of such solution might be prohibitive and expertise required to build such a solution might not be available locally (Estonian Customs might offer to provide the expertise)• Reliance on expertise from abroad might impact on the project schedule;• The cost of such a solution is currently not known;• Unless a new viable solution is found, it might be necessary to maintain the whole set of current tariff related data necessary to process declarations in the ASYCUDA transaction processing engine because of the ASYCUDA decentralized replication set up - central server regional server (see 6.6. Data Replication);

CITS as a single source of tariff and non-tariff measures

All tariff and non-tariff data is contained in the CITS database and maintained and administered using the CITS web interface.

⁹ Currently Jordan ASYCUDA experts say that this full integration can't be done. Based on the response from the Estonian Customs and a better understanding of their final result we can make a decision whether we want to pursue this option

ASYCUDA tariff related tables are used by the ASYCUDA transaction processing engine to calculate all duties and taxes without any change.

ASYCUDA tariff related reference tables we will not need to be maintained by using the ASYCUDA MODCHQ module.

The ASYCUDA – CITS interface updates the ASYCUDA tariff related reference tables with all the changes which have been performed by the CITS administrators in CITS (e.g. a change to GST for a Tariff Code would be first performed in CITS and then transferred across to the related field or table in ASYCUDA).

Advantages:	<ul style="list-style-type: none"> • Ability to enhance the presentation and maintenance of the Jordan Consolidated Tariff Nomenclature and tariff and non tariff measured, currently constrained by the existing ASYCUDA application; • A single system containing all tariff and non-tariff measures; • A system not dependent on the ASYCUDA' life cycle; • Expertise required to build such a solution is available in Jordan JCD; • A single interface to maintain and administer both CITS and ASYCUDA content; • There are no changes to the structure of the current ASYCUDA tables; • There is no special solution required for the ASYCUDA replication set up - current replication technology and setup will be used;
Disadvantages:	<ul style="list-style-type: none"> • An interface to transfer data updates between CITS and ASYCUDA needs to be designed and built; • Even though the data manipulation in the AYCUDA's back-end database has been mastered at the JCD, there is always a certain level of risk associated with data manipulation of the JCD's core application; • The effort required to analyze, design, build and thoroughly test such a solution is currently not known;

CITS only contains data not available in ASYCUDA

Only the new sets of data currently unavailable in ASYCUDA, such as the regulations and trade agreement details are contained in the CITS. The tariff related data current available in ASYCUDA will not be changed.

The data presented to a CITS user is a combination of data retrieved from both ASYCUDA and CITS databases. A web interface is required to maintain and

administer data in both ASYCUDA and CITS (using two different tools to maintain ASYCUDA and CITS might create administrative problems and errors).

Advantages:	<ul style="list-style-type: none"> • Almost no interference with the ASYCUDA system; • No interface between CITS and ASYCUDA required; • It appears to be the cheapest solution;
Disadvantages:	<ul style="list-style-type: none"> • We might not be able to implement all enhancements related to the Jordan Consolidated Tariff Nomenclature and other tariff and non tariff related measures; • A single CITS web interface to maintain both ASYCUDA and CITS databases has to be built within the CITS's schedule and budget limits (otherwise we would need to use the existing ASYCUDA module to maintain the "current" ASYCUDA tariff related data directly in ASYCUDA and the CITS web interface to maintain the "new" CITS tariff related data – such a result is not a preferred solution; • Having two databases holding one complete set of tariff and non-tariff measures is not the most efficient way of building a new system; • Set of tariff measures currently available in ASYCUDA is not as comprehensive as what is intended by the CITS project;

Security and Privacy requirements

Recommendation: Based on the review of the tariff related business processes, JCD IT Directorate and Tariff Directorates to define and the CITS Steering Committee to approve security and access policies to be applied in the CITS.

JCD IT Directorate might reuse the existing policies that have been defined for the JCD web enabled applications and other applications currently used at Customs.

The CITS will provide an automatic user log off after the session being inactive for 15 minutes.

There needs to be an option, before publishing any kind of measure, to select the intended audience, e.g. public view or JCD view – (*CITS is not intended for transfer and storage of any classified information!*)

Regulations with the "Draft" status will only be accessible by the officers from the regulation "issuing" OGA and the selected officers from JCD Tariff Department. (Future)

All the data and functions available in the CITS are accessible only to the designated users.

The user roles shall be modified to permit access rights as follows:

- **Web Users** – search, read and view access - users accessing CITS via public internet using common internet browsers;
- **JCD User** - in addition to search, read and view access, JCD users can also access CITS content intended for the internal JCD use only¹⁰;
- **JCD Tariff Directorate Users** - in addition to search, read and view access, also CITS content maintenance and administration, such as create, amend and replace – all such changes have to be either approved or rejected by a Head of Section in the Tariff Directorate; this role will also guarantee access to the “draft” regulations;
- **JCD Tariff Directorate Administrators** - in addition to search, read and view access, also CITS content maintenance and administration, such as create, amend and replace, including approving or rejecting changes and amendments performed by the JCD Tariff Directorate Users; this role will also guarantee access to the “draft” regulations;
- **JCD Master Tariff Administrators** - in addition to the privileges of a tariff administrator this role allows to upload search, read and view access , also CITS content maintenance and administration, such as create, amend and replace; this role will also guarantee access to the “draft” regulations; all new or amended existing records can only be published by the JCD Master Tariff Administrators;
- **Other Government Agencies’ administrators** - in addition to search, read and view access, also creation and amendment of regulations and trade agreements; this role will also guarantee access to the “draft” regulations (future);
- **System Administrator** - access to the application part of the CITS;

Functionality	Web Users	JCD User	JCD Tariff Directorate Users	JCD Tariff Directorate Administrators	JCD Master Tariff Administrators	OGAs’ administrators(future)	System Administrator
Search, view and read public records							
Search, view and read JCD internal records							
Select option to be informed of any changes to the tariff codes of interest							

¹⁰ JCD Tariff Directorate identified a need to restrict certain information contained in the CITS (such as certain Advance Tariff Advise and full details of an advance tariff ruling) to the JCD officers only.

Comprehensive Integrated Tariff System

Functionality	Web Users	JCD User	JCD Tariff Directorate Users	JCD Tariff Directorate Administrators	JCD Master Tariff Administrators	OGAs' administrators(future)	System Administrator
Search at chapter level for all regulations							
Search by regulatory reference numbers							
Create new records							
Amend existing records							
Delete records							
Disseminate records							
Approve or reject changes (created or amended records) performed by the JCD Tariff Directorate Users							
Publish new and amended records in the CITS system							
View "Draft" Regulations							
View audit trails							

Comprehensive Integrated Tariff System

Functionality	Web Users	JCD User	JCD Tariff Directorate Users	JCD Tariff Directorate Administrators	JCD Master Tariff Administrators	OGAs' administrators(future)	System Administrator
Move audit trail data to off-line storage media							
Perform all transactions related to users administration and their access privileges							
Maintain CITS database and storage							
Define and view system reports							

* all changes performed by the JCD Tariff Directorate Users have to be approved by the Heads of Sections in the Tariff Directorate.

Data Replication

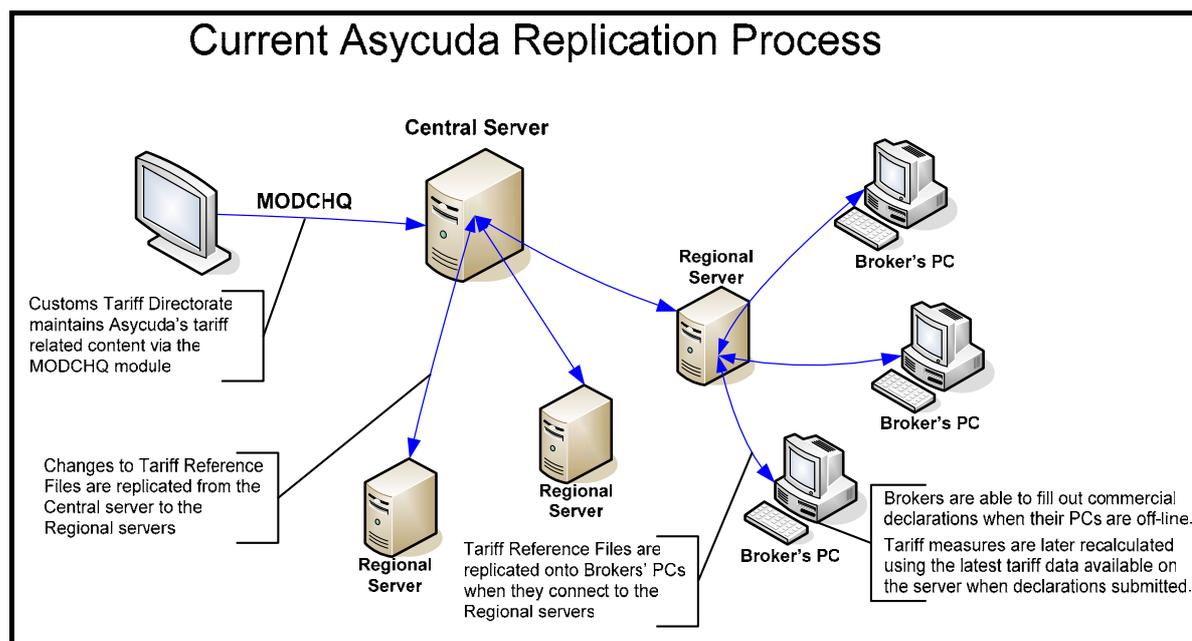


Figure 8 - ASYCUDA Replication Process

Content and Data Storage Approach

Recommendation: JCD IT Directorate and CNS, the private contractor, to identify the storage mechanism, tools, and processes to be used for storing CITS content and data.

Data Retention and Disposal

Recommendation: JCD IT Directorate and Tariff Directorates to define and the CITS Steering Committee to approve data retention and disposal policies to be applied in the CITS.

Jordan public sector strategy for data disposal should be followed for all the data contained in the CITS, providing such a strategy document exist.

One of the benefits of CITS is keeping history of and chronologically linking and presenting amended or superseded regulations.

Metadata Requirements

The CITS must not present any practical limitation on the number of metadata elements allowed for each item identified in 5.1.

The CITS must use the metadata elements to enable and support the functionality defined in this document.

The CITS must allow reconfiguration of metadata sets by the system administrator, and must record such in the audit trail (*For example, it may be necessary to add a new data element*).

The CITS must support validation of metadata when the metadata is entered by users, or when it is imported. The validation must use at least the following mechanisms:

- format of the element contents;

Comprehensive Integrated Tariff System

- range of values;
- validation against a list of values maintained by the System Administrator;
- valid classification scheme reference.

The CITS should allow values of metadata to be obtained from lookup tables or from calls to other software applications.

The CITS should also provide “find” buttons where applicable. (*We need to consider the infrastructure available to an “average Jordanian CITS user” - certain “find” values might carry quite a lot of data*).

The CITS must support at least the following metadata element formats:

- alphabetic;
- alphanumeric;
- numeric;
- date;
- logical (i.e. YES/NO, TRUE/FALSE).

Arabic and English Content

Vast majority of regulations and trade agreements are created in Arabic. The agreed scope (and budget) for the CITS project is presenting tariff and non-tariff measures in Arabic only.

Considering CITS is aimed at foreign investors as well as the foreign trade communities wishing to engage in trade with Jordan, it is required to have CITS designed and built as a bilingual English-Arabic system. **At a future date**, CITS can have a complete English version. The English text however will be non-binding as the legal language of Jordan is Arabic.

At the point when the amount of data in CITS and the effort required to translate the information is better understood, a third party specializing in translating legal texts will be engaged to translate the CITS content.

Appendix D - CITS Technical Architecture

It is preferred that the web presentation of the CITS leverages off the existing infrastructure and capabilities provided through JCD web hosting infrastructure to the best extent possible. At the same time, consideration must be given to providing the capability with minimal impact to JCD web systems response times.

Hosting Strategy

Following is the web hosting and infrastructure solution as documented by CNS.

Date: 02/06/2005

Project: AMIR-CITS Infrastructure

Infrastructure Document

Version 1.0 Author Rula Haddad. File Name AMIR-CITS
Infrastructure.doc

Hosting

- CNS will host the web application and the database on their US based servers.
- As for the internal application the customs will host the application and the database in the JCD servers locally.

Data Transfer

- Because CNS offers only hosting for Microsoft products data will be transferred from Oracle to SQL server. A job will be created on the CNS SQL server whereby using the DTS (data transformation services) data will be transferred from ORACLE to the SQL.
- The database will be created and cloned into the SQL server for the first time and will be uploaded online. The Job will be developed whereby it will check the internal application database for changes in the records and upload only those changes if occur.
- The DTS will connect to the ORACLE database by using the ORACLE OLEDB Driver as this is the only provider that handles the large objects such as the CLOB and BLOB data types.
- Only the live data and active one will be transferred as the function will check the end date for each record = null and the end date > the system date. (The design document will contain all procedures for data transfer when the integration begins).
- The same goes for the advanced ruling and registered users whereby the SQL server will copy all new applicants and rulings into the JCD ORACLE server.
- As for the web application it will be developed using .NET and the connection will be to SQL server without connecting to the ORACLE.

Documents Transfer

- FTP (file transfer protocol) will be used to move documents backward and forward between the internal and web application.
- Only documents for the active data will be uploaded online at CNS servers whereby those documents will reside in different folders at the customs local server (regulations will contain two folders one for the history and the other for the active one and this applies to all modules that contain scanned images and documents).
- The FTP Job will be developed as to synchronize the local folder and the online one. This means that each document added, deleted or updated in the local server will be affected in the CNS online folder. The online folders will be a copy and mirror as the local ones which will save the storage area.
- This will also apply on the advance rulings section scanned images as the online images folder will be the master and the local JCD server will contain the mirrored one.
- For the sake of providing the best services for public users maximum attached document size will be limited for the advanced ruling to 5.0 MB.

Email Notification

- The public interface will be responsible for sending the email notification to CITS subscribers; this will be achieved on a job basis on CNS servers whereby this job will check if there are any updates occur at the CITS internal and local database. If yes the job will check all those updates and send them to all subscribers.
- The CNS e-mail server will be responsible to send those emails.

Servers

- The customs will host the internal application on their servers locally at the JCD. Transferring between JCD and CNS servers will be using the JCD new lease line (256) dedicated only to the web services.
- The JCD servers are ready and contain the ORACLE database in addition to the operating system.
- CNS web and database server is ready and as mentioned reside in the United States.

Security

Recommendation: JCD IT Directorate and CNS to identify network and web security issues and determine the scheme for implementing firewalls in the network and web environments, and identify any extraordinary security risks that need to be addressed.

Availability and Service Level Agreements

Recommendation: JCD IT and Tariff Directorates to identify specific service level goals in the areas of response time, population frequency, availability, maintainability, manageability, extensibility, scalability, monitoring, and configuration management. Negotiate the goals with CNS and formalize them in Service Level Agreements.

The CITS will be required to meet the availability and Service Level Agreements for the existing JCD Web site with availability not less than 99.1% over a rolling four week period, excluding a regular weekly maintenance outage for 1 hour on a Thursday evening.

In the event of a major system or equipment failure, the system will be required to be fully recoverable and available in a period no greater than one day.

Response times

It is understood that the response will vary from environment to environment, depending on the status of the infrastructure or the nature of a query. The response times are defined for an average Jordanian user.

Recommendation: JCD IT and Tariff Directorates to define response and refresh times. The system shall satisfy the following maximum response times (as measured at the user's screen):

	Common search in CITS when giving the basic search criteria (see 9.1.)	Average 1.5 second, maximum 2 seconds
	Generate report to user's screen	(a) + 2 seconds for small amounts of data; maximum of (a) + 5 seconds for hundreds of records, plus maximum of 120 (average 60) seconds delivery over network to searcher.
	Upload electronic data	Average of 2 seconds, maximum of 5 seconds

Frequency of CITS Content Updates

The changes to the CITS content are not frequent in the initial rollout. When the business processes are changed regarding advanced tariff rulings and advanced tariff advices the updates will be more frequent. It is estimated that approximately 100 regulations, orders or instructions are issued per year from 26 OGAs with the border mandate.

Trade agreements take years to negotiate. Changes to Jordan Consolidated Tariff nomenclature are infrequent as well¹¹.

Overall, we would count content updates in hundreds per annum in the initial rollout.

Audit Trail and Logs Requirements

The CITS must keep an unalterable audit trail capable of automatically capturing and storing information about:

- All the actions that are taken upon an electronic record, electronic file or classification scheme;
- The user initiating and or carrying out the action;
- The date and time of the event.

Any access to records and all other activities involving them and related documents or data may also need to be stored in the audit trail to ensure legal admissibility and to assist in data recovery.

The CITS will be required to retain complete audit trail details for a period of no less than 5 years.

CITS Component	Recommended events to audit
database	<ul style="list-style-type: none">• user access to the database• attempted user access which is denied; example is access denial due to invalid user id or password• changes to user roles or database rights modifications to the data, and
web application	<ul style="list-style-type: none">• user access to the web application• attempted user access which is denied• search engine "queries criteria" initiated by users
email system	<ul style="list-style-type: none">• all mail sent to the JCD external or internal audience

¹¹ Concerning the tariff there is a yearly one full tariff table amendment, there is an average of 3 amendments per year

Back Up Requirements

The CITS must provide automated backup and recovery procedures that allow for regular backup of all or selected documents, files, records, metadata and administrative attributes of the CITS repository.

The CITS must allow the CITS System Administrator to schedule backup routines by:

- Specifying the frequency of backup;
- Selecting the CITS' content to be backed up;
- Allocating storage media, system or location for the backup (e.g. off line storage, separate system, remote site).

The CITS must allow only the CITS System Administrator to restore from CITS backups. Full integrity of the data must be maintained after the restore;

The CITS must allow only the CITS System Administrator to roll-forward the CITS from a backup to a more recent state, maintaining full integrity of the data;

Appendix E - CITS Functionality

The CITS will support following high level functionality:

- Management of the Harmonized System Codes
- Management of Legal Acts
- Management of Trade Agreements
- Management of tariff and non-tariff measures
- Management of associations between Jordan Consolidated Tariff Classification Nomenclature and tariff and non-tariff measures
- Interface with ASYCUDA

Look and feel

The CITS' look and feel will be same as Jordan e-Government and Jordan Customs Standards.

Search and Retrieval

The content of the CITS has to be fully indexed. Different users will require different set of searches. All CITS needs to provide facilities to search on all data fields available. The system will provide for both canned (predefined) and user defined searches and reports - these will be available to JCD and OGA Administrators.

It would be very beneficial if the search options included "word proximity searching" specifying that a word has to appear within a given distance of another word in the record to qualify as a hit.

The CITS must provide searching tools and facilities that cover the following techniques:

Search by commodity name

Including:

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- Boolean search (goat AND cheese)
- Exact phrase
- All words
- Wild cards

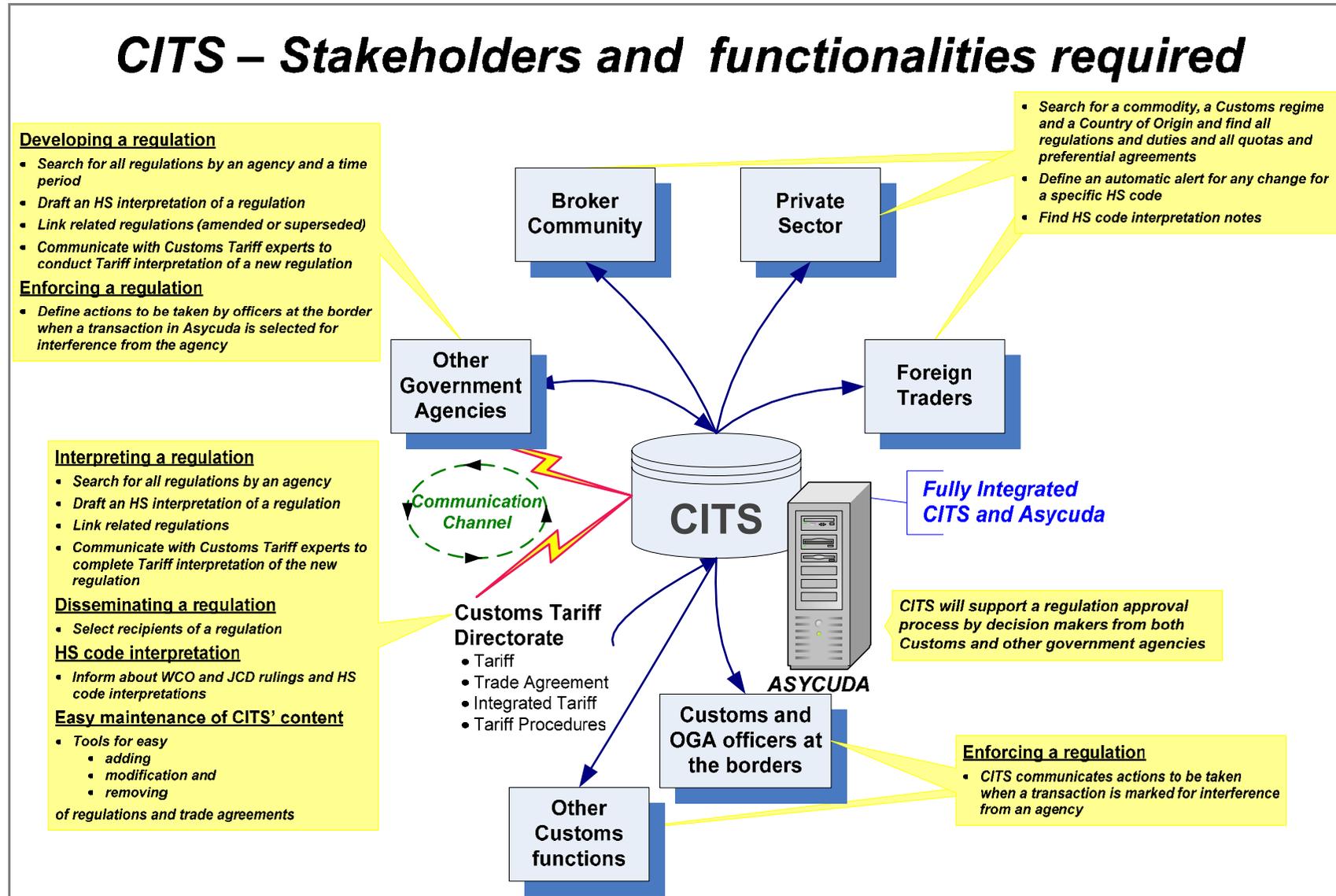


Figure 9 - High Level Functionalities

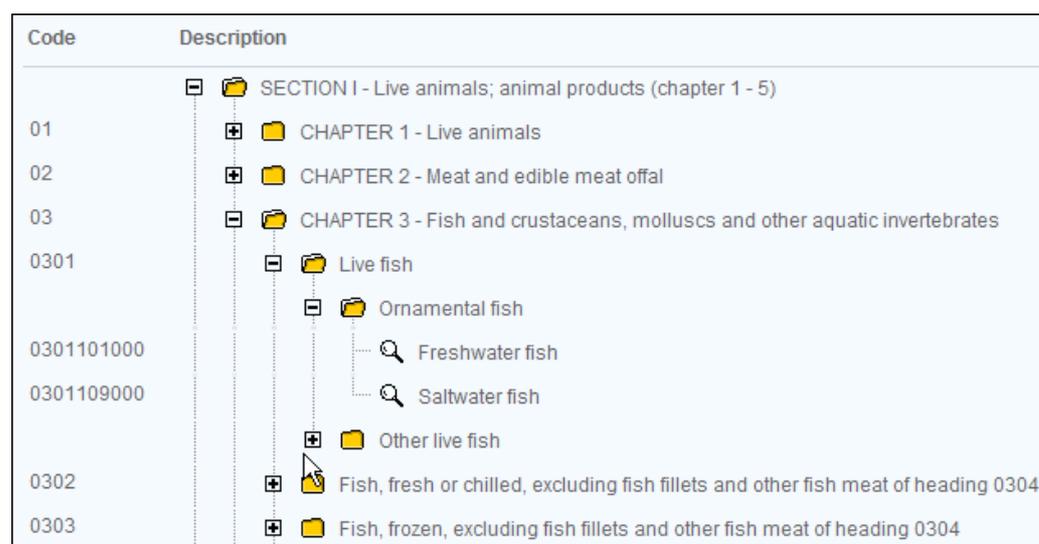
Search by Tariff Nomenclature

Including:

- Full Tariff Code
- Partial Tariff Code with a possibility of using wild cards
- Search at chapter, heading or subheading level for all regulations (Restricted as per 6.4. Security and Privacy requirements)
- Search by regulatory reference numbers (Restricted as per 6.4. Security and Privacy requirements)
- Search results will also include history of amendments, including the tariff code, description and duty rate

Browsing through the Jordan Consolidated Tariff Nomenclature

All users will have an option to browse through the Jordan Consolidated Tariff Nomenclature. The tariff classification codes will be grouped in expandable and collapsible Section - Chapter – Heading – Subheading - Tariff Code tree structures.



Code	Description
	SECTION I - Live animals; animal products (chapter 1 - 5)
01	CHAPTER 1 - Live animals
02	CHAPTER 2 - Meat and edible meat offal
03	CHAPTER 3 - Fish and crustaceans, molluscs and other aquatic invertebrates
0301	Live fish
	Ornamental fish
0301101000	Freshwater fish
0301109000	Saltwater fish
	Other live fish
0302	Fish, fresh or chilled, excluding fish fillets and other fish meat of heading 0304
0303	Fish, frozen, excluding fish fillets and other fish meat of heading 0304

Figure 10 - A possible web presentation of the National Tariff Nomenclature

Information dissemination

CITS Tariff Administrator can select targeted audience and means communications when communicating a new or amended measure.

The CITS will support and provide a choice for email and fax options.

Following is an example of possible audience segments:

- All JCD Customs houses
- All JCD employees
- OGAs
- CITS Subscribers

Workflow functionality

The CITS workflow feature must provide workflows which consist of a number of steps, each step being (for example) movement of a record when being assigned by a participant to another for action.

The CITS workflow must provide a function to alert a user participant that a record(s) have been sent to the user's electronic "in tray" for attention and specify the action required.

The CITS workflow must allow the use of e-mail for a user to notify other users of records requiring their attention.

The CITS workflow feature must allow pre-programmed workflows to be defined and maintained by the Administrator.

The System Administrator should be able to designate that individual users are able to reassign tasks/actions in a workflow to a different user or group.

The CITS workflow feature must record the progress of a record or file through a workflow so that authorized users can determine the status of a record in the process.

The CITS workflow feature should be capable of letting participants view queues of work addressed to them and select items to be worked on.

"Push" agents

Push or alert agents can be set by a registered CITS user for a commodity or a group of commodities, or at a chapter level. Push agents will inform the owner of the alert of any regulatory changes related to the defined criteria.

Attaching images

It is proposed that the body of the existing regulations which are only available in hard copy will not be retyped in the CITS, only the regulation description (all the other fields in the regulation) will be populated. The documents will be scanned and attached to the regulation.

Also, if there are any proclamations issued by international bodies that would need to be shown as an image (e.g. to verify signatures), the "attach document" function could be used.

It might be very useful if we could apply the existing technology and approach currently used for attaching images in the JCD encyclopedia.

Chronological history of record amendments

One of the benefits of CITS is keeping history of and chronologically linking and presenting regulations amended or superseded.

The CITS functionality will allow linking an existing regulation (advice, ruling and so on) to be amended or superseded when creating a new or superseding regulation.

Administrative functions

The CITS must allow System Administrators, in a controlled manner and without undue effort, to retrieve, display and re-configure systems parameters.

The CITS must provide back-up facilities, and features to rebuild forward using restored back-ups and audit trails, while retaining CITS integrity.

The CITS must provide recovery and rollback facilities in the case of system failure or update error, and must notify System Administrators of the results.

Reporting

Generally, reports shall be able to represent any aggregation of the data fields listed in the CITS Data Model.

The CITS must provide flexible reporting facilities for the System Administrators, such as numbers of records, transaction statistics, and activity reports by user.

The CITS must allow System Administrators to enquire on and produce reports on the audit trail. These reports must include, at a minimum, reporting based on selected tariff classification codes and their groupings in headings and chapters, records, users or time periods.

The CITS should allow Administrators to enquire on and produce audit trail reports based on selected user groups and other metadata.

The CITS shall be able to generate reports on usage, performance (timings).

The CITS should include features for sorting and selecting report information, and totaling and summarizing report information.

The CITS must allow Administrators to request regular periodic reports and one-off reports.

The CITS should allow Administrators to restrict users' access to selected reports.

Printing

The CITS must provide users with flexible ways of printing search results, presented screens or the selected CITS content including printing on JCD stationery.

Ease of Use

The CITS must provide online help throughout the CITS. The online help in the CITS should be context-sensitive.

All error messages produced by the CITS must be meaningful, so that they can be appropriately acted upon by the users who are likely to see them.

Appendix F - Web Interface and Navigation

The appendix F – Web Interface and Navigation is for reference purposes only!

Web interface, its structure and content presented in this chapter was an initial vision of what the CITS web interface and navigation could look like. For the final version see the CNS design documentation in one of the attachments.

CITS Search and Browse

Initial Search Screen

The initial screen after the registration in the CITS system will offer options to search CITS as specified in 8.2 Search and Retrieval. Following is an example of the initial screen layout.

There are a few different ways a user might decide to use for search.

In case the user knows the Tariff Code, they can enter the number and, after pressing the search button, move immediately into the “Tariff Consultation Window”.

For the users who know the commodity description but do not know the tariff code, they can use the description search (the search is conducted against the full text indexed Tariff Code Description), which also provides for wild cards and Boolean search (AND OR ...).

If the user wants to browse through the Jordan Consolidated Tariff Classification Nomenclature, they can browse through its tree structure.



The screenshot displays the initial search screen of the Jordan Customs Department web interface. At the top, it features the text 'المملكة الأردنية الهاشمية' and the Jordanian flag. Below this, the 'Jordan Customs Department' logo and name are visible. The main content area is divided into four search options, each with a corresponding icon and a dropdown menu:

- Description Search**: Represented by a binoculars icon, with a dropdown menu labeled 'Word or description to find'.
- Tariff Chapter Listing**: Represented by a globe and book icon, with a dropdown menu labeled 'Please select a chapter from the list'.
- Harmonized System Code**: Represented by a book with a question mark icon, with a dropdown menu labeled 'Please enter HS code'.
- Alphabetized Tariff Heading Listing**: Represented by an 'A-Z' icon, with a dropdown menu labeled 'Please select an alphabetic letter from the list'.

A 'Search' button is located at the bottom right of the search options area.

Figure 11 - Web Interface - Initial Search Screen Layout

When in search, results or browse mode, the user is taken to the Tariff Consultation Window” when they click on the Tariff Code (the last member in the tree structure).

Tariff Consulting Window

Following are the initial criteria required to search for tariff and non tariff measures related to a specific commodity in the Tariff Consultation Window:

- **Tariff Code** - the field is populated by the selection in the previous search window
- **Country of Origin or Destination** - a drop-down menu also includes countries groupings (such as EU, APEC etc.)
- **Customs Regime** - a drop-down menu, one of the following options - import, export or transit¹²
- **Transaction Date** - can be a future date, results are not guaranteed since there can be changes in the regulatory environment between the date of search and the date when the transaction occurs

There is an option for a user to select an option to receive automatic updates for any changes related to the selected Tariff Code.

المملكة الأردنية الهاشمية

Jordan Customs Department

Tariff Consultation

Last update 07/07/2004

Tick the box if you want to receive updates about this commodity

You can search by specifying a Tariff code or by browsing in Sections and Chapters.

Tariff code: 8712003000 [Browse]

Country of origin/destination: United Kingdom - GB (006)

Simulation date: 08 / 07 / 2004

Description Regulations Trade Agreements

Figure 12 - Web Interface - Tariff Consulting Window

From the Tariff Consulting Window a user can access further information related to the details selected on the Tariff Consulting Window.

Regulation Consulting Window

The Regulation Consulting presents all the regulations, orders etc linked to the selected tariff code on transaction details.

¹² This issue has been discussed extensively at AMIR and it was proposed that we will consider only import (free circulation), export (permanent) and transit. This issue was also discussed with customs and the above approach approved at the 4th meeting of the CITS Steering Committee. It was also considered by the Transit Directorate and approved on 27 October.



Figure 13 - Web Interface - Regulation Window

Each of the results presented on the screen is hyperlinked to the actual regulation presented after being clicked on either as electronic text or as an image.

If a regulation agency has an online facility to either request a license or permit, our user can have such a facility open in a new browser window.

Description Consulting Window

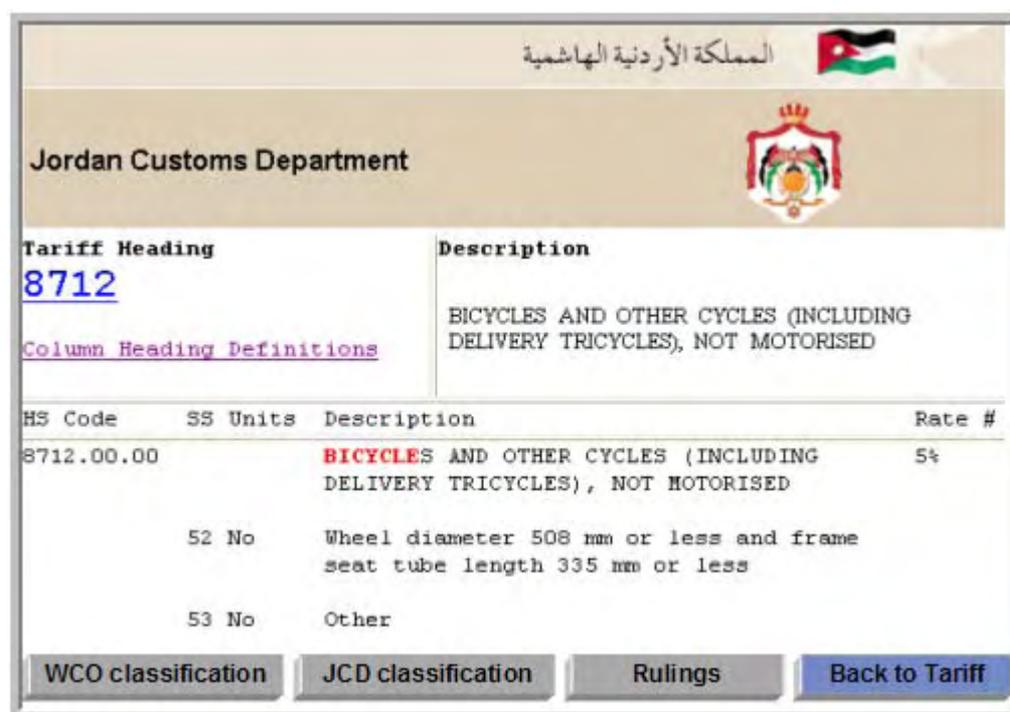


Figure 14 - Web Interface - Description Window

The Description Consulting Window provides information about:

- Tariff code description;
- Its specific position of the Tariff Code in the Jordan Consolidated Tariff nomenclature;
- Classification precedent interpretative rulings of the Jordan Consolidated Tariff Code related commodities. A
- Complete Advance Tariff Rulings (**Customs intra net only**)
- Advance Tariff Advices (**Customs intranet only**)

Duty Rates Consulting Window

المملكة الأردنية الهاشمية	
Jordan Customs Department	
Duty Rates	
Simulation date : 07/07/2004	
Tariff code	8712003000
Country of origin/destination	United Kingdom - GB (006)
<u>Jordan - EU Association Agreement</u>	25%
<u>Jordan - UK Trade Agreement</u>	28%

Figure 15 - Web Interface - Duty rates Window

The Duty Rates Consulting Window provides Information about customs duties, General sales tax and also preferential treatment granted by trade and international agreements signed between Jordan and other countries.

There might be a possibility that there could be more than one agreement signed between Jordan and a particular country. In such a case the CITS presents all the agreement applicable.

CITS Content Creation and Maintenance

One of the important features of the CITS project is introducing regulation templates and data standards.

CITS provides functionality (restricted to selected users) to:

- Create or amend tariff codes, description and duty rates;
- Prepare amendment recommendations for the cabinet (JCD Tariff Directorate is responsible for preparation of such recommendations);
- Print tariff tables according to the official gazette format consisting of four columns: tariff heading, HS code, commodity description, duty collecting bases and tariff rate;

CITS provides functionality (restricted to selected users) to:

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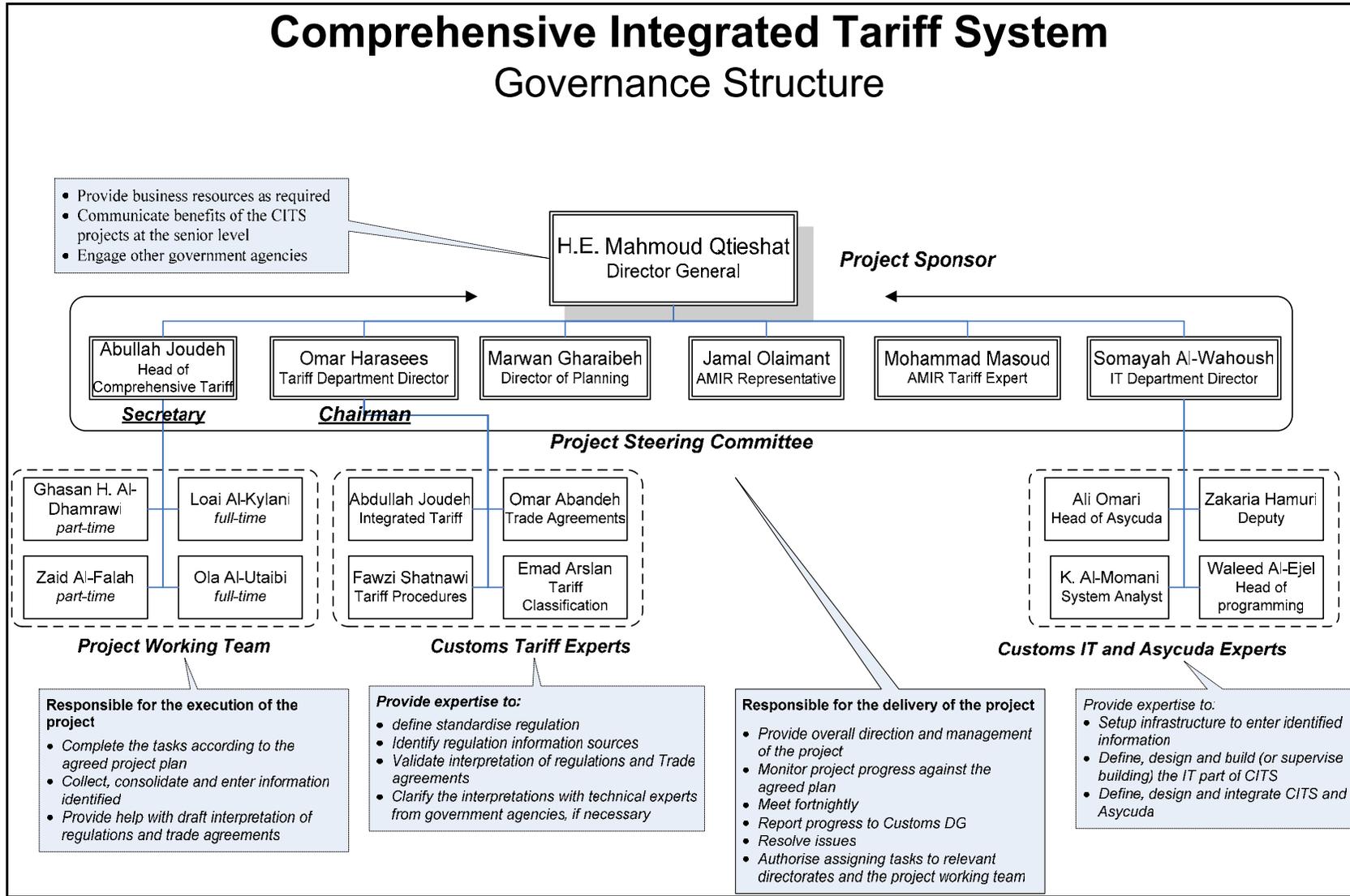
- Introduce new trade agreement or to terminate the existing ones;
- Make amendments to trade agreements, including those related to preferential treatments, exceptions, implementation time, and introducing new agreements or termination of an existing one;
- Automatically or manually change preferential duties that are depending on a time base reduction, with the exception of WTO concessions tables;
- Compare duties by displaying duties for a certain commodity from specified origins and trade agreements;

A new, optional process for creating regulations is depicted in the Appendix B.

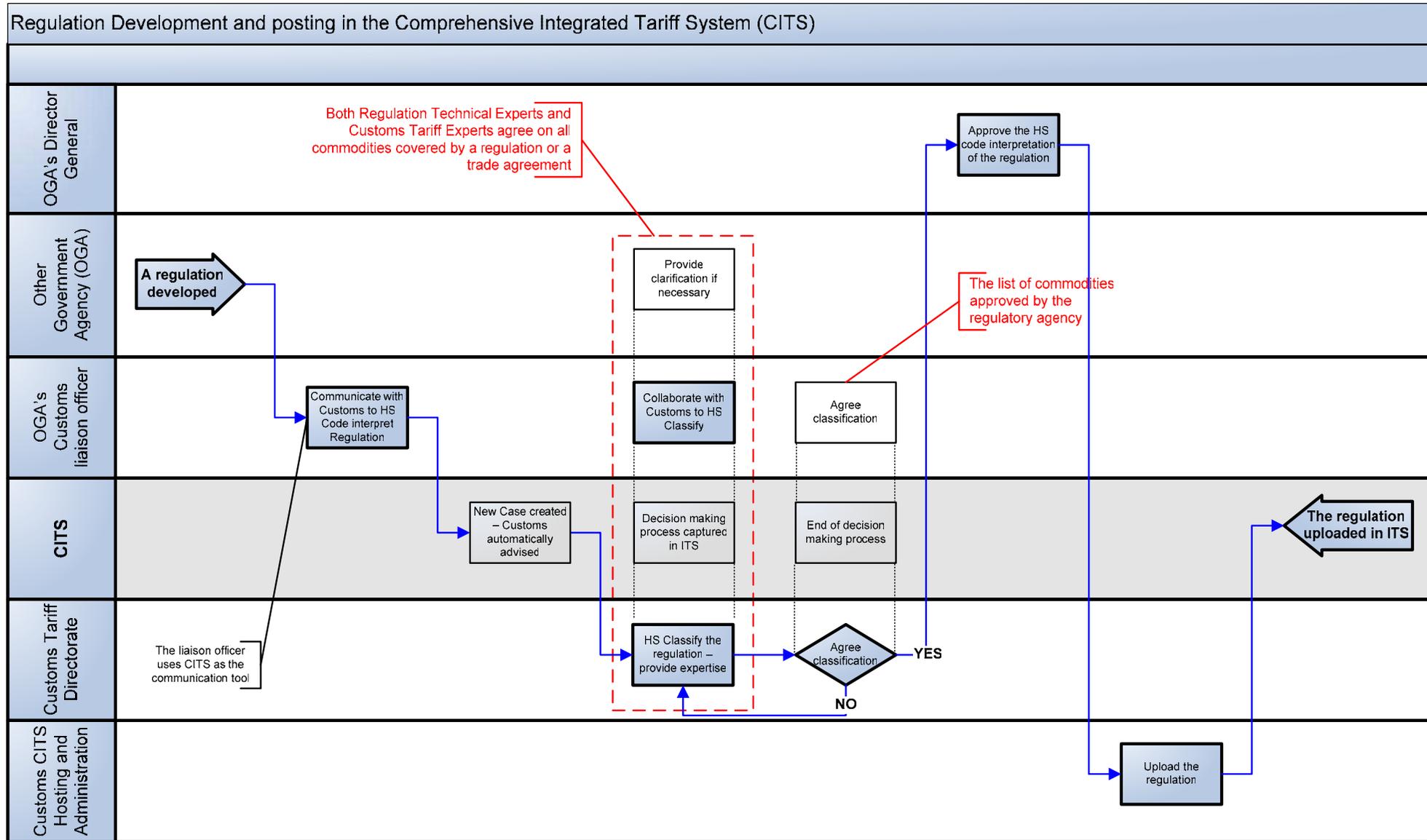
The new process also introduces collaboration between government agencies and JCD Tariff directorate in order to make Tariff Code interpretation of regulation accurate.

All the screens and actions required have to be very intuitive.

Appendix G - CITS Project Governance Diagram



Appendix H – Proposed CITS Regulation Development Process



Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (D)isplay, (O)ptional
Data Field				
Directive number (a covering letter issued by customs attached with it OGA regulation to be implemented by customs officers)	R	Text	20	
Directive issuing date (DD/MM/YYYY)	R	Date		M
Issuing Government Agency (A list of government agencies issuing Customs related regulations)	R	Drop down list	N/A	M
Regulation Number (ID allocated by the agency that has created the regulation)	R	Text	20	M
Confidentiality status (unrestricted or confidential)	R	Radio button		
UNCTAD Code for tariff and non-tariff measures	R	Drop down list	N/A	
Date Issued (DD/MM/YYYY)	R	Date	8	O
Date Enforced (DD/MM/YYYY)	R	Date	8	M
Date for Review (DD/MM/YYYY)	R	Date	8	

Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (O)ptional
Data Field	Category	Type	Size	(M)andatory, (O)ptional
Regulation End Date (DD/MM/YYYY)	R	Date	8	
Customs Regime (import, export, transit. A single regulation might affect more than one customs regime)	R	Drop down list	N/A	M
Countries effected (options provided: select all, select a number of countries, or select all and except for some)	R	Drop down list	N/A	M
Regulations Amended (a hyperlink linking the current regulation to the amended regulation, history of amendments and replacements will be kept and presented to the users of the system)	R	Hyperlink	N/A	M
Regulations Superseded (a hyperlink linking the current regulation to the amended regulation, history of amendments and replacements will be kept and presented to the users of the system)	R	Hyperlink	N/A	
Regulation Description (the length of this field can vary from a paragraph to a few pages) Also, for the historical regulations, we will have an image linked to the field instead of text.	R	Text		
Keywords (Historical regulations will have a set of keywords entered by JCD in addition to the attached image file of the regulation)	R	Text	50	
HS Codes effected (there can be more than one effected HS Code)	R	Number		

Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (O)ptional
Data Field	Category	Type	Size	(M)andatory, (O)ptional
Action to be taken at the border	R	Drop down list		
Contact details (contact details of the person with further information related to the regulation)	R	Text		
Regulation Accessor ID Number (There could be more than once when there is the circumstance of multiple OGAs.)	R	Text		O
Regulation Accessor Issuing Date	R	Text		O
Regulation Accessor/ Cabinet Directive	R	Text		O
Regulation Accessor Image (Attached image)	R	Attached image		O
General Sales Tax (exempted, zero, 4%, 7%, 13%, 16%) the 16% rate is the general rate, the other rates are applied on specific commodities or group of commodities as mentioned in special list in the GAT law	ST	Number		
Specific Sales Tax (percentage of the value, specific)	ST	Number		
HS Codes effected (there can be more than one effected HS Code)	ST			

Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (D)isplay, (O)ptional
Data Field	Category	Type	Size	(M)andatory, (D)isplay, (O)ptional
Commodities list (certain commodities are subject to specific sales tax, this element will have a commodity description connected with HS code) ¹³	ST			
Special sales tax rate	ST			
Reference for interpretation (usually it is a letter from the GST DG containing legal notes interpretation for applying a certain S.T rate)	ST			
Units for collecting sales tax (ton, liter, unit, value. these units are for collecting specific sales tax)	ST	Text		
Basis for calculating Sales Tax (for GST, the base is the CIF value plus customs duties plus other duties. For special ST, the base is CIF value plus customs duties plus other duties plus GST). This will be stated in CITS as a text note	ST	Drop down list ¹⁴		
Day of implementation (this day is corresponding to the GST and SST, where they might have the same day or a deferent day. a single HS code or commodity might be subject to GST only or SST only or GST and SST at the same time)	ST	Date		
Day of termination	ST	Date		

¹³ The HS code (a tariff position) usually contains a group of commodities, for ST there are cases where a single commodity is subject to a different rate other than that for the group it belongs to. To solve this conflict without creating tariff codes other than those already existing in the legal tariff table it is here suggested that we have a commodity attached to the tariff position containing its specific details. Such an approach will serve other situations faced in trade agreements, regulations and tariff interpretation.

¹⁴ It is a text note to the user explaining how duties are computed

Appendix I - Content Data Catalog				
Data Field	Category	Type	Size	(M)andatory, (O)isplay, (O)ptional
Official gazette reference number	ST	Text		
Official gazette issuing day	ST	Date		
Name of the Trade Agreement	TA	Text		
Contracting Countries (selected from a predefined list of countries and “blocks” of countries)	TA	Drop down list		
Date signed on (DD/MM/YYYY)	TA	Date		
Date entered force (DD/MM/YYYY)	TA	Date		
Date of termination (DD/MM/YYYY)	TA	Date		
Other reference numbers – Agency or body, agency number, date	TA			
Customs Implementation Directive number	TA			
Customs Implementation Directive date	TA			

Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (O)isplay, (O)ptional
Data Field	Category	Type	Size	(M)andatory, (O)isplay, (O)ptional
Preferential rate (commodity list classified according to H.S codes or a list of H.S, subject to the reduced rate. This preferential rate is based on a reduction of MFN tariff rate according to a time bounded schedule. In some cases it is just a zero) this will be a matrix. Programming of this rate will be carried for each TA separately	TA			
Base rate (is the tariff duties in force in a specific day specified in a trade agreement, from which the reduced preferential duties will be calculated. Also a comparison between the tariff rate history have to be carried out for assigning the base rate in the case when the new tariff duties is less than the one in force at the day mentioned in the TA, in this case the new tariff duties (if less than the initial one)will be considered as the base rate	TA			
Exemptions (a list of specific commodities or a list of specific HS codes which are not subject to the preferential treatment according to TA terms)	TA			
Special conditions (those terms in a TA which have to be complained with to apply a TA, like direct shipping, minimum added value ...etc)	TA			
Certificate of origin (a form required as a proof of origin, it have to bee issued according to conditioned stated in a TA)	TA			
Tariff code effected	TA			
Agriculture calendars (a period of time during which the preferential rate applies for specific commodities or list of HS codes)	TA			

Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (D)isplay, (O)ptional
Data Field	Category	Type	Size	(M)andatory, (D)isplay, (O)ptional
Agreement text (the original legal agreement text. This text will be divided into separate parts where each part leads directly to the section in the agreement related to Quotas, Rules of origin, customs formalities) ¹⁵	TA			
Ruling or Advice ID Number	RI			
Ruling (status of the interpretation)	RI			
Advance ruling (status of the interpretation)	RI			
Advance advice (status of the interpretation)	RI			
Interpretation (status of the interpretation)	RI			
Date Issued	RI			
Public or restricted (for tariff rulings the initial ruling is restricted to the requestor, the public section ruling that has the proprietary information removed could be the same number but with a suffix of P for Public)	RI			
Interpretation – Tariff Code	RI			
Rulings superseded (for Rulings only)	RI			

¹⁵ This will be a scanned image file of the original agreement text. It will be subdivided to contain the most important parts (rules of origin, special conditions for application, certificate of origin, and the rest of the text) and it will be an attachment.

Appendix I - Content Data Catalog				
Data Field	Category	Type	Size	(M)andatory, (O)ptional
Rulings amended (for Rulings only)	RI			
Product description (including scientific name, trade name, producers, packaging and manufacturer)	RI			
Classification Rationale (including references to related binding rulings)	RI			
Customs declaration number	RI			
Description according to H.S terminology	RI			
Customs declaration day	RI			
Supporting documents	RI			
Final H.S code decision	RI			
HS codes considered (and rejected)	RI			
Classifying Body	RI			
HS code (according to the H.S international 6 digits plus local code; for the Jordanian tariff tables it consist of six levels, 1st and 2nd digits represents chapter level, 3rd and 4th digits represents heading level, 5th digit represents 1st subheading level, 6th digit represents 2nd subheading level, 7th digit represents 1st local subheading level, 8th digit represents 2nd local subheading level)	TT			

Appendix I - Content Data Catalog				
Data Field	Category	Type	Size	(M)andatory, (D)isplay, (O)ptional
Legal notes (for section, chapters, heading, subheading and local notes)	TT			
Section title	TT			
Chapter title (the text connected with the 1 st and 2 nd digits of a HS code)	TT			
Heading title (the text connected with the 3 rd and 4 th digits of a HS code)	TT			
1st subheading title (the text connected with the 5 th digit of a HS code)	TT			
2nd subheading title (the text connected with the 6 th digit of a HS code)	TT			
1st local subheading title (the text connected with the 7 th digit of a HS code)	TT			
2nd local subheading title (the text connected with the 8 th digit of a HS code)	TT			
Tariff duties (a percentage rate, or a specific rate, or a rate to be implemented during a specific period of time)	TT			
Duties collecting Base (CIF value, units, Weight)	TT			
Statistical units - from ASYCUDA- a single HS code might have more than one statistical unit which might be used for duties calculations	TT			
Implementation day	TT			

Appendix I - Content Data Catalog				
Data Field	Category	Type	Size	(M)andatory, (O)ptional
Termination day	TT			
Official gazette reference number	TT			
Official gazette issuing day	TT			
Other reference numbers – Agency or body, agency number, date	TA			
Customs Implementation Directive, number, date.	TA			
Other taxes, duties and fees, description	OT	Text		
Other taxes, duties and fees, amount or rate	OT	Number		
Commodity affected (commodity description)	OT	Text		
H.S code affected (tariff position)	OT	Number		
Collecting bases (value, fixed amount, unites)	OT	Text		
Implementation day (dd/mm/yyyy)	OT	Date		
Implementation reference (official gazette number or other reference number)	OT	Number		
Expiration or termination day	OT	date		

Appendix I - Content Data Catalog	Category	Type	Size	(M)andatory, (O)isplay, (O)ptional
Data Field	Category	Type	Size	(M)andatory, (O)isplay, (O)ptional
Country code (ISO code according to ASYCUDA)	C Z			
Country name (according to UN)	C Z			
Country Groups (according to economic group, Not that a single country night be involved in more than on group)	C Z			
Currency code (according to ISO ASYCUDA)	CC			
Currency name (according to ASYCUDA)	CC			
Exchange rate (the exchange rate used for customs duties calculations as used by the ASYCUDA and issued by CBOJ)	CC			
Exchange rate start day	CC			
Exchange rate end day	CC			
Advance Tariff Ruling expiration date (automatically generated against issuance date)	RI			
Advanced Tariff Ruling Status, Active or Expired (automatically generated against issuance date)	RI			

Comprehensive Integrated Tariff System

Data Category	Field	Definition
R		Regulation
TA		Trade Agreement
ST		Sales tax
TT		Tariff table
OT		Other taxes, duties and fees
CN		Currency code
CC		Country name
RI		Rulings and Interpretations

Appendix J - CITS Closeout Report prepared by CNS

Date: 13/08/2005

Initial CITS business objectives

Internal Application

Look & Feel

The look and feel has been developed using a template of the Jordanian e-Government and Jordan Customs Standards.

Search and Retrieval

For customs department use the user will be able to retrieve all CITS content for a specific day by entering the required day first prior to conduct any search activity, otherwise the CITS will display the current day information.

Due to technical difficulty in searching the whole contents of CITS and to avoid connection time-out for the CITS public interface, search is built by choosing the category first.

- **Tariff Data:**

Search by commodity name: users are able to search by using the tariff tree or selecting the search category and entering the required tariff item.

Search by all words and exact phrase is developed whereby the wild card search and Boolean search is skipped due to technical problems and required time for the development. Developing such an engine requires huge server settings and as I believe the database needs a dedicated server to be hosted and separated connection, with what the customs is providing this was a major obstacle.

Searching by commodity name, the user will receive a table containing the HS code and commodity description that matches the search request. By selecting the desired HS code he'll be directed to the desired tariff key from which he can confirm his selection and retrieve all related information to that commodity.

Search by Tariff Code: The user can search by the full tariff code, partial tariff code, chapter, section and all tariff levels. If the user searches for a tariff position code then he'll receive directly all the information related to that item, otherwise he'll be viewing the tariff table whereby clicking on the selected item the user will be redirected to the details.

Browsing through the Jordan Consolidated Tariff Nomenclature: the user can go through the tariff tree and browse at any desired level, from that level he will be redirected to the table's module where he can move between all levels to view all related information.

- **Regulations Search:**

Regulations can be viewed from the tariff search module as mentioned above. In addition to that users will be able to search for regulations from another screen by date, issuing OGA and by the regulation number.

- **Trade Agreements Search:**

TA can be viewed from the tariff search module and in addition to that users will be able to search for TA from another screen by the TA name. Preferential rate can be viewed by assigning the required HS code and also be retrieved from the tariff search module. Selecting a certain TA name can retrieve TA documents that are scanned images.

- **Information dissemination**

The user groups are defined: OGA's, CITS subscribers and JCD users

The regulations and rulings can be for private or public use, whereby JCD can define which customs users and OGA's are allowed to view those in case the above is private.

- **Workflow functionality:** This is suggested for version 2.0
- **"Push" agents (Future)**

Users can subscribe to receive emails regarding any update for the CITS contents. This is a subscriber option whereby he can select which kind of information he wants to be notified for either for the HS code, OGA, TA and or other taxes and duties, upon submitting his subscription details the user will receive a summary of the amendment as an attached document.

- **Attaching images**

Regulations, rulings and TA are built whereby scanned images path will be saved in CITS database. Users will be able to view all those documents online.

- **Chronological history of record amendments**

Any update on CITS will create a history file that contains the old data with the closing date and create the new amendments that have an open termination date.

In addition to that JCD can define all superceded and amended regulations and rulings that will automatically create historical records.

- **Administrative functions**

CITS is built whereby the internal system has triggers built on the ORACLE database, those triggers records and keep track of the user; date, time and the transaction type such as add, update, delete and view.

System parameters screen is developed whereby the admin can change server specifications, image paths and so on.

In the CITS public application the system will keep track of all users that search for a specific tariff code (audit trail report).

- **Reporting**

The JCD admin will be able to view and print the audit trail reports in the CITS public application. In addition to that we asked the JCD business people to provide us with the required reports to be generated by CITS internal application along with their format and templates, the only thing we received and developed is only the tariff amendments template.

- **Printing**

As long as we didn't receive any feedback from the customs regarding the reports then this feature is not applicable until now.

- **Ease of Use**

The CITS public application has user manuals that can be converted into HTML format and used as an online help. As for the internal application until now the JCD didn't write them although of our nagging requests and official memorandums.

Web Interface and Navigation

CITS Search and Browse: all CITS search and browse functionalities is listed in the attached Design document and System overview document please refer to them for your own review. As for the internal I'm waiting until now to receive them from the JCD.

Activities and items required for the CITS version 2

- English version: Should the data be translated too: the TA and the tariff data can be translated unfortunately there's a huge problem in translating the Regulations.
- The attached images to be formatted to be searched such ORC format.
- CITS public application: search engine to be added the full CITS content search, Boolean and wild cards.
- Reporting & printing in CITS internal application
- Online help: CITS internal & External
- Integration with the ASYCUDA
- Trade agreements dynamic calculation module
- Training for OGA's to use the discussion forums
- Work flow for handling the advanced ruling
- Country groups to be built in CITS internal
- Future inquiry for duties in CITS public
- The other taxes and duties module should be restructured as what's been developed is only the part that integrate with the ASYCUDA
- Integrate CITS with the JCD Diwan module
- Add a list of selected items when the user subscribes in the tariff module to summarize in which also he can delete without going back to the tree.

Experience in working with the Customs IT department

Selected Technologies

The internal application was developed using the .NET technology as a middle and interface tier and ORACLE 9i as database tier, whereby the public application was built using .NET as a middle and interface tier and SQL 2000 as database tier. My team has the full experience in the

development using .NET so the thing they gained from working with the JCD is how to handle and administer the ORACLE database. Unfortunately because of the lack of experience of the JCD team in developing using .NET, CNS spent most of the time training them on the .NET technology and how to build the application using the visual source safe. The JCD spent a lot of time also learning how to write ORACLE SP's (refer to CITS Internal Status report April 05, 2005) as they're used to develop using two tiers and not three-tier architecture.

Application Development

As mentioned above not much has been gained from the JCD IT Team.

- CNS installed the .NET platform and the visual source safe on the servers. Also installed the .NET studio on all the team PC's at the customs site.
- The IT team tried to find system administrators (technical engineers) to solve the problem on their PC's but couldn't contact or find anyone.

Followed Methodologies & documentation

The JCD team found some at difficulties at first using the 2 tier architecture as the following was used:

- ASP.Net for the interface tier
- VB .NET as the middle tier, classes were built were it called the ORACLE SP's
- ORACLE 9i: as a database tier
- SQL server 2000: database tier for the CITS public application

The JCD at first didn't document any of the requirements; CNS provided a requirement document template and other templates and showed the JCD team on how to use them.

Project Management

We faced certain obstacles in the management of the project from the JCD due to the following:

- The steering committee was officially assigned on 11/08/2004 and held its first meeting on August 16, 2004.
- On 12/08/2004 the business team was officially assigned, they started work on 22/8/2005.
- The work plan was presented to the steering committee at their first meeting in 16/8/2004 for discussion and approval. They asked for translation to Arabic, which was done and submitted again to them on 23/8/2004 until now we didn't receive any feedback on the work plan from the customs side.
- The IT team was officially assigned and 2 resources were only allocated to the project on 03/10/2004 for a part time only. On 15/12/2004 the same two resources were assigned as a full time.
- No resource was allocated for the integration with the ASYCUDA part, as the person who is allocated is a developer who also works on CITS on a full time bases.
- On 03/10/2004 Mr. Zakariya Hammouri was assigned as a CITS IT project Manager from the JCD side. Due to Mr. Zakariya work constraint we found his input and supervision were very limited.
- Mr. Omar Harasis was assigned as the steering committee chairman on 11/08/2004 until 15/02/2005, Mr. Abdel Wahab El Saraira continued to act as the chairman until now.
- Ms. Somaya Al Wohoosh and Mr. Zakariya insisted that the integration with the ASYCUDA must dominate the output of CITS and it's a high priority although they didn't fully allocate resources to do that. This approach consumed a lot of time and effort in building CITS.

- On the 18/11/2004 it was proposed by AMIR that external resources should help in the development of CITS due to lack of resources from the JCD unfortunately this proposal was refused by the IT department in JCD.
- The JCD approved that a third party can help in building CITS internal application on 01/03/2005, which was CNS-PRIMUS Company.
- Final IT project plan were presented on Wed Mar 16th'2005 after a meeting between JCD IT and CNS on the same day.
- CNS started working at the JCD at the end of March (refer to CITS status report 31/03/2005) provided by that the JCD should have finished the requirements and the database but unfortunately we didn't find any document that lists the CITS requirements. CNS had to meet with the business people and gather requirements from scratch and then write the SOD and then update the database design (refer to CITS internal report 31/03/2005).
- Khaled one of the resources was assigned as a full time on the project, he didn't come to meetings nor participated in the design or made any contribution to building the project until the JCD assigned Khaldoon Al momani who started working on the Trade agreements module on 24/4/2005 for two hours a day then was assigned on a full time basis.
- CNS got the official approval for CITS public SOD on 09/05/2005 that lead to a major delay in the project deadline as the project plan again was updated.
- JCD refused to host the public application and asked CNS to provide hosting services. CNS offers only hosting to Microsoft so CITS backend was changed to Microsoft SQL server 2000. Jobs to transfer data and SP's were created which also took a lot of time, resources and efforts. JCD and CNS met on 13/05/2005.
- The building of the internal application continued even July month as the tariff module consumed lots of time and effort from the JCD IT team.
- Certain resources took vacations and leave at a critical stage of the project and couldn't work after hours until AMIR talked to Ms Somaya and the JCD DG officially issued a memorandum to forbid any of them.

Integration with the ASYCUDA

CNS Scope of Work didn't include the integration with ASYCUDA. The JCD on the other hand didn't implement it as it was shifted to version 2.0 because the person who is assigned to work on it didn't finish her work on the tariff module on time.

Biggest Challenges in CITS Project

- The lack of knowledge for the JCD team on developing using the .NET
- The JCD IT team to be working after hours which was really needed at certain times
- Lack of documentation procedures and techniques for the JCD IT team.
- Handle a new team that works for the first time with a third party company
- Delay in taking immediate actions and decisions in JCD.
- Business people who were not involved in building CITS, they at the beginning refused training on CITS and then got the proper training by the JCD team.
- For CNS it took a while to learn the CITS & the customs business process.
- It was very difficult at first to deal in a public sector as it took sometime to get to know how things are processed and was very different than the private sector.
- The data entry and integration between the public and the internal application as really it took big efforts for the integration to work because of different data types between the Oracle and the SQL server.

- The JCD IT team to get used on new standards of building the applications and project management.
- Underestimation of work for both CNS and JCD as the JCD IT team also wasn't familiar with CITS from business aspects and scope of work.

Section 6: What worked well and what will be done differently

- The JCD business people were very cooperative in knowledge transfer, which helped a lot.
- The JCD IT team did a tremendous job in learning the .NET, which really helped a lot.
- The cooperation between the JCD different teams and CNS.
- The building of the application with .NET and Oracle worked great as this is both parties first experience.
- The integration between the public and internal application that was a success.
- The infrastructure setup from both CNS and JCD.
- The data loading into CITS database
- The huge effort that the JCD business people put to upload, prepare and enter data into CITS, which really contributed into CITS launch.
- What will be done differently in Version 2:
 - Documentation process should be identified at the beginning of the project to all involved parties.
 - Write every word that each involved person speaks which really is needed in certain areas.
 - Know the team who works in the project in terms of their experience, responsibilities, roles and history.
 - Define the working environment at the beginning of the project.
 - Risk management to be really implemented.
 - Critical decisions should not be delayed as if not really taken by involved parties then the issue should be raised to a higher-level ASAP.
 - Team evaluation should be done at the project phases, as we faced a very big challenge in building version 1.0, certain IT members were not up to the level.
 - Clear responsibilities and roles for the whole team members.
 - Change management – some requirements were changed and that also led to some delay in the project.
 - Report to AMIR from the project manager on obstacles and issues in a more timely manner to seek higher level intervention.
 - Team members should be aware of the business processes, especially in the integration with the ASYCUDA, as it needs resources that have a very big experience in dealing with ASYCUDA from a business and technical aspect.

Appendix K - CITS Web Interface Document

Date: 13/08/2005

Project: AMIR –CITS Online Application

Design Document

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APPENDIX L – TOP TASK LEVEL PROJECT PLAN 245

Revision History

Version	1.0	Author	A.Z.	File Name	CITS Public Design Document V.1.1
Date	06-Aug-05	Editor	R.H.	Remarks	
Version		Author		File Name	
Date		Editor		Remarks	
Version		Author		File Name	
Date		Editor		Remarks	
Version		Author		File Name	
Date		Editor		Remarks	
Version		Author		File Name	
Date		Editor		Remarks	
Version		Author		File Name	
Date		Editor		Remarks	

Section 1: System Design Goals

This document contains the functional specifications, prototypes and controls for the online application, which will help CNS and JCD team to understand the process of developing the solution as well as allow the JCD team to view the interface design and features.

Section 2: System Modules

CITS online application contains the following modules:

Online Registration

Online Subscription

Discussion Forums

Web application administration module

Reports

CITS web interface

Tariff table

Regulations

Trade agreements

Rulings

Skilled search

Classification request

Other taxes, duties and fees

Administration module

Section 3: Administration Module

The Administration Module is the main module from which the JCD administrators can log into the Application, enabling authorized users to add, update, view and delete registered users, subscribers and audit trail records Also in addition to that they'll be able to print and view reports, define OGA's and view threads and forums.

Section 3.1: Administration Module Design Objectives

The following section includes sample screenshots that elucidate the features of the online solution, which will assist JCD to arrive at the required interface. Any requested modifications will be carried out after the review of the document.

The functional specifications documentation is the technical documentation that guides JCD team through the development process.

Section 3.2: Administration Module User Interface Design

The following screenshots represent prototype screens, including the different field types and properties in each screen:

Section 3.2.1: Login

The Login screen is the main page within the JCD administration website:



Field Name	Description	Required
Login ID	A unique username assigned to each user JCD through which this user will be identified.	Yes
Password	A unique password assigned to users, allowing them to enter the JCD administration module.	Yes

Section 3.2.2: Change Password

Any administrator/user can change his/her password by using the following page:

Field Name	Description	Required
Old Password	The current used password for the current logged in user	Yes
New Password	The new password for the current logged in user	Yes
Confirm Password	This entry field should match the entry in the "new password" field, the system should alert the user if both of them are not identical	Yes

Section 3.2.3: System Workgroups (User Types)

All the defined system users should be related to a specific workgroup (user type). The administrators here are responsible for adding, editing, and deleting system workgroups.

Field Name	Description	Required
Workgroup name	The workgroup name	Yes (only in entry pages)
Workgroup Status	Whether the workgroup is (Active, Inactive)	Yes (only in entry pages)

Section 3.2.4: System Users

Administrators are presented with a list of all system users, and their information. The admin here is responsible for adding, editing, and deleting system users, and assigning them appropriate access rights.

Field Name	Description	Required
Workgroup name	The workgroup name which this user belongs to	Yes (only in entry pages)
Login ID	A handle assigned to each user in the system through which this user will be identified	Yes
User Name	User's real name	Yes (only in entry pages)
Password	A unique password assigned to users, allowing them access the Administration Module.	Yes
Confirm Password	Retyping the password is required to ensure password entry accuracy	Yes
User Status	Whether the user is (Active, Inactive)	Yes (only in entry pages)
Contact Information	User's phone numbers addresses, etc...	
Last Modification Date	The date for the last operation done on this user account (visible only in the "Edit" mode)	
Last Modification By	The name of the user who performs the last operation on this user account (visible only in the "Edit" mode)	

Section 3.2.5: Workgroup Permissions

Administrators are presented with a list of all system users, and their information. The admin here is responsible for adding, editing, and deleting system users, and assigning them appropriate access rights.



Field Name	Description	Required
Workgroup name	The workgroup name which will assigned the desired permission options	Yes
Add, Update, Delete, Publish options	The system lists all the menu options and the permission which can be assigned to each option. The user needs to use the check boxes to assign the desired permission (Add, Update, Delete and Publish) to each option. Note: the "Publish" checkbox should be used only for the "Laws" menu option.	Yes
Last Modification Date	The date for the last operation done on this workgroup permissions (visible only in the "Edit" mode)	
Last Modification By	The name of the user who perform the last operation on this workgroup permissions (visible only in the "Edit" mode)	

Section 3.2.6: Subscribers

Administrators will be able to control the subscribers by maintaining, adding, deleting and activating upon manual approval

Field Name	Description	Required
First Name	Search criteria to be used when the admin needs to search for a specific subscriber	No
Last Name	Search criteria to be used when the admin needs to search for a specific subscriber	No
Company Name	Search criteria to be used when the admin needs to search for a specific subscriber	No
Status	Search criteria to be used when the admin needs to search for a specific subscriber by his status	No
Subscribers Add	To add a new subscriber, the application form such as the public will be opened where the admin will be able to fill all the subscriber's information	
Delete	To delete subscribers, the admin should select the required subscriber by clicking the check boxes and press the delete button	
Activate	To activate users upon manual approval	
Deactivate	To deactivate users upon manual approval	

Section 3.2.7: Audit Trail

Administrators will be able to view the audit trail reports on traceable items defined by JCD in the internal application.

Field Name	Description	Required
From Date	Search criteria to be filled	
To Date	Search criteria to be filled	

Section 4: Public Module

Section 4.1: Login

Field Name	Description	Required
Login ID	A unique username assigned to each user JCD through which this user will be identified.	Yes
Password	A unique password assigned to users, allowing them to enter the JCD administration module.	Yes

Section 4.2: Registration Page

Field Name	Description	Required
First Name	The Applicant first name	Yes
Family name	The last name	Yes
Email address	Applicant Email address	Yes
Company name	Applicant Company name – if found	No
Address	Applicant address	No
Tel No	Applicant telephone number	No
Industry sector	A drop down list that holds all industry sectors filled by JCD admin	No
Username	A unique name that identifies the user	Yes
Password	A unique text that also identifies the user	Yes
Password Confirm	Another text box to be filled with the user password again to assure that this is a right password	Yes

Section 4.3: Main Menu Page



This is the first screen to appear to the user whereby he can select the following services:

ID	Menu Item Name	Description
1	Applicant Information	A page where users can update their profile
2	Subscription	The subscription page
3	Tariff Table	Users will view the tariff tree and from there can see further details
4	Rulings	Rulings search page
5	Trade agreements	Trade agreements search page
6	Regulation	Regulation search page
7	Other taxes and duties	Search page for other taxes and duties
8	Advanced search	Advanced search page
9	Change password	Users can change their password
10	Discussion forums	Discussion forums page where OGA's can initiate a topic or participate in a predefined topic
11	Classification Request	Classification Request page
12	Logout	A link where users will be able to logout; they'll be redirected to the login page.

Please note that ID's on the screen below are only for clarification and won't appear on the website!!

Section 4.4: Applicant Information

This screen will display the applicant information whereby users can update their profile or view their information.

Field Name	Description	Required
First Name	The Applicant first name	Yes
Family name	The last name	Yes
Email address	Applicant Email address	No
Company name	Applicant Company name – if found	No
Address	Applicant address	No
Tel No	Applicant telephone number	No
Industry sector	A drop down list that holds all industry sectors filled by JCD admin	No
Other	A text field to be filled with the description	

The user won't be able to change the username and password, as the username is a unique name and won't be changed. The password on the other hand will be changed from another screen (change password) because the user will be asked to enter the old one.

Section 4.5: Subscription

هل ترغب أن يتم إعلامك عن أي تعديل بطراً على أي من المواضيع التالية

نعم لا

المعلومات

الدوائر الحكومية المختارة

دائرة الجمارك

دائرة الإحصاءات العامة
وزارة الزراعة
مديرية الأمن العام
وزارة الطاقة والثروة المعدنية
هيئة تنظيم قطاع الاتصالات
مديرية الأمن العسكري
مؤسسة الإذاعة والتلفزيون

الاتفاقيات

الاتفاقيات المختارة

الاتفاقيات

الاتفاق التجاري والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الإمارات العربية
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية والجمهورية التونسية
اتفاق اقتصادي بين المملكة الأردنية الهاشمية والمملكة العربية السعودية
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية العربية السورية
اتفاق اقتصادي بين المملكة الأردنية الهاشمية والجمهورية العراقية وتعدلاته
اتفاق تجاري واقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة سلطنة عمان
اتفاق التعاون في مجال التوطين التجاري بين المملكة الأردنية الهاشمية والسلطة الوطنية الفلسطينية

ضريبة المبيعات

قرارات التصديق

البنود الجمركية

تحرير كلمة السر
طلب تصديق
خروج

تفاصيل الاشتراك
جدول الترخيف
قرارات التصديق
الاتفاقيات
المعلومات
ضرائب أخرى
بحث
تغيير كلمة السر
طلب تصديق
خروج

تحرير المعلومات المشترك

This page is where users will be able to subscribe in order to receive an email at any update on the following:

Field Name	Description	Required
Introduction	Do you wish to be notified on any update at the following subjects:	
Yes	Radio button to confirm subscription	Yes
No	Radio button to confirm no interest in subscription	Yes
Regulations	A check box to be selected and two list boxes where users will choose to subscribe in one or more or all Regulation. The list box will display the OGA's Name	No
Trade Agreements	A check box to be selected and two list boxes will choose to subscribe in one or more or all trade agreements. The list box will display the Trade Agreement Description	No
Sales Tax	A check box to be selected if user wishes to be subscribed	No
Rulings and Interpretations	A check box to be selected if user wishes to be subscribed	No
Tariff Table	A tree view for all tariff items with a check box beside each one to be selected by users for subscription	No

Section 4.6: Tariff Tree

التعرفة

منتجات السمكة المائية

منتجات السمكة المائية

شعير و دهون وزيت حيوانية أو نباتية، منتجات فككها، دهون غذائية محضرة شموع من أصل حيواني أو نباتي

منتجات صناعة الأعدية، مشروبات، سائل كحولية وطن، قيق و أيدال نيم مصنعة

منتجات معدنية

منتجات الصناعات الكيماوية أو الصناعات المرتبطة بها

لائحة ومصنوعاتها، مطاط ومصنوعاته

جلود خام و جلود مدبوغة و جلود بقراء و مصنوعات هذه المواد أصناف عدة الحيوانات و السراجه، لوازم السفر، حفاظ بيوتية و أوعية مماثلة لها، مصنوعات من مصاريف الحيوانات (عدا مصاريف دودة القز)

خشب و مصنوعاته، فخر خشبي، فلين و مصنوعات، مصنوعات من الفين و اللطاف، أو غيرها من مواد الصغر، أصناف صناعاتي الحصر و السلال

عجينة الصلب أو غيرها من عجائن مواد ليفية سلولوزية (نقايات و فضلات) ورق، أو ورق مغوي (كرتون) مسترحة و ورق و ورق مغوي و مصنوعاته

مواد نسجية و مصنوعاتها

أحذية، أظحية رأس، مظلات مطر و شمس، عصي و عصي بمقاعد، سباط وأجزاء هذه الأصناف، ريش محضر و أصناف من ريش، أزهار اصطناعية، مصنوعات من شعر بشري

مصنوعات من حجر أو صخر أو إسمنت أو حديد صخري أو ميكاف أو من مواد مماثلة، منتجات من خزف، زجاج و مصنوعاته

لؤلؤ طبيعي أو مستنبت، أحجار كريمه أو شبه كريمه، محادن شمينة، محادن مكسوة بفترة من محادن شمينة و مصنوعات هذه المواد، حلي الخواوية (مقلدة) تقود

محادن عاديه و مصنوعاتها

آلات وأجهزة، معدات كهربائية، أجزاءها، أجهزة تسجيل و إذاعة الصوت، أجهزة تسجيل و إذاعة الصور و الصوت في الإذاعة المرئية (تلفزة)، أجزاء و لوازم هذه الأجهزة

معدات نقل

86 - قاطرات و عربات و معدات السكك الحديدية و ما يماثلها، وأجزاءها، أجهزة إشارة آلية أو كهربائية لطرق المواصلات

8601 - قاطرات السكك الحديدية تزود بالطاقة من مصدر خارجي أو بواسطة مدخرات كهربائية

8602 - قاطرات آخر السكك الحديدية - عربات شويين "تنتر"

8603 - عربات ذاتية الدفع للسكك الحديدية أو ما يماثلها، عدا ما يدخل فيها في البند 86.04

86040000 - مركبات الخدمة أو الصيانة للسكك الحديدية أو ما يماثلها، وإن كانت ذاتية الدفع (مثل و ريش التصليح و عربات ذات واقف و عربات نك الحصى و عربات صف الخطوط و عربات التجارب و مركبات الحصى واختيار خطوط السكك الحديدية)

86050000 - عربات سكك حديدية أو ما يماثلها للمسافرين، غير ذاتية الدفع - عربات الأمتحة أو الريد و غيرها من عربات السكك الحديدية أو ما يماثلها، ممتدة لاستعمالات خاصة، غير ذاتية الدفع (باستثناء ما يدخل منها في البند 86.04)

8606 - عربات سكك حديدية أو ما يماثلها لنقل البضائع، غير ذاتية الدفع

8607 - أجزاء لقاطرات و مركبات و عربات السكك الحديدية أو ما يماثلها

86080000 - معدات كابينة لخطوط السكك الحديدية أو ما يماثلها، أجهزة آلية (بما فيها الكهر و آلية) للإشارة و الأمان و الرقابة والتحكم وتنظيم المرور لخطوط السكك الحديدية و ما يماثلها، للطرق البرية أو المائية الداخلية أو للموانئ أو لمنشآت الموانئ أو المطارات، أجزاءها

86090000 - حاويات (بما في ذلك حاويات نقل السوائل) مصممة ومجهزة خصيصاً للنقل بواسطة أكثر من وسائل النقل

87 - عربات سيارة جرارات، دراجات و عربات ارضية أخرى، و أجزاءها و لوازمها

88 - طائرات و سفن فضائية و أجزاءها

89 - سفن و قوارب و عشاءات

أدوات وأجهزة للتصوير الفوتوغرافي أو السينمائي أو للفيديو أو للفيديو أو للصوت، أدوات موسيقية، أجزاء و لوازم هذه الأدوات والأجهزة

أسلحة و ذخائر، أجزاءها و لوازمها

سلع و منتجات مختلفة

تلفزيونية و قطع للمجموعات و قطع أخرى

Here the user is presented with a tariff tree to select desired tariff item. The section below describes clicking on an item.

Section 4.7: Tariff Tables

Choosing a section from the tree the screen below appears:

المملكة الأردنية الهاشمية

دائرة الجمارك

2005/08/06

ملاحظات قانونية	معدات نقل	رقم الفصل
الملاحظات القانونية <td></td> <td></td>		
	قاطرات و عربات و معدات للسكك الحديدية و ما يماثلها، و أجزاءها، أجهزة إشارة آليه أو كهربائية لطرق الشوارع	86
	عربات سياره جرارات، دراجات و عربات ارضية آخر، و أجزاءها و لوازمها	87
	طائرات و سفن فضائية و أجزاءها	88
	سفن و غوارب و عوامات	89
		1

Users also can view the legal notes by clicking on the icon at the left cell.

القسم السابع عشر
معدات نقل

ملاحظات :

1- لا يشمل هذا القسم الأصناف الداخلة في البنود 95.01 أو 95.03 أو 95.08، كما لا يشمل الزحافات والمزالق والأصناف المماثلة الداخلة في البند 95.06.

2- لا تعتبر " أجزاء أو لوازم " بالمعنى المقصود في هذا القسم ، وإن كانت معدة بوضوح للاستعمال في معدات النقل، الأصناف التالية :

أ - الفواصل والحلقات وما يماثلها من جميع المواد (بند المادة المكونة منها أو البند 84.84) وكذلك الأصناف الأخر من مطاط مبركن عدا المطاط المقسى (البند 40.16)

ب - الأجزاء واللوازم المعدة للاستعمالات العامة بالمعنى المقصود في الملاحظة 2 من القسم الخامس عشر، من معادن عادية (القسم الخامس عشر) والأصناف المماثلة من لدائن (الفصل 39) ؛

ج - أصناف الفصل 82 (العدد) ؛

د - أصناف البند 83.06 ؛

هـ - الآلات والأجهزة الداخلة في البنود من 84.01 حتى 84.79 وكذلك أجزاءها؛ الأصناف الداخلة في البندين 84.81 أو 84.82 وكذلك الأصناف الداخلة في البند 84.83، بشرط أن تشكل أجزاء لا تتجزأ للمحركات ؛

و - الآلات والمعدات الكهربائية (الفصل 85) ؛

Clicking on a chapter the following screen appears:

الملاحظات قانونية		معدات نقل	17	قسم		
ملاحظات قانونية		قاطرات و عربات و معدات للسكك الحديدية و ما يماثلها، و أجزاءها، أجهزة إشارة آلية أو كهربائية لطرق المواصلات	86	فصل		
التعليمات - البلاغات	الاتفاقيات	قرارت التصنيف	الرسم الموحد النوعي	الرسم الموحد النسبي	الوصف	العدد
التعليمات - البلاغات					قاطرات للسكك الحديدية تزود بالطاقة من مصدر خارجي أو بواسطة مدخرات كهربائية	8601
التعليمات - البلاغات					قاطرات آخر للسكك الحديدية ؛ عربات تمويين " كندر "	8602
التعليمات - البلاغات					عربات ذاتية الدفع للسكك الحديدية أو ما يماثلها ، عدا ما يدخل منها في البند 86.04	8603
التعليمات - البلاغات	الاتفاقيات			0%	مركبات الخدمة أو الصيانة للسكك الحديدية أو ما يماثلها، وإن كانت ذاتية الدفع (مثل ورش التصليح وعربات ذات رافع وعربات ذك النصى وعربات صف الخطوط وعربات الجارب ومركبات فحص واختبار خطوط السكك الحديدية) .	86040000
التعليمات - البلاغات	الاتفاقيات			0%	عربات سكك حديدية أو ما يماثلها للمسافرين ، غير ذاتية الدفع ؛ عربات الأمتعة أو البريد وغيرها من عربات السكك الحديدية أو ما يماثلها ، مجهزة لاستعمالات خاصة ، غير ذاتية الدفع (باستثناء ما يدخل منها في البند 86.04) .	86050000
التعليمات - البلاغات					عربات سكك حديدية أو ما يماثلها لنقل البضائع، غير ذاتية الدفع	8606
التعليمات - البلاغات					أجزاء لقاطرات ومركبات وعربات السكك الحديدية أو ما يماثلها	8607
التعليمات - البلاغات	الاتفاقيات			0%	معدات ثابتة لخطوط السكك الحديدية أو ما يماثلها ؛ أجهزة آلية (بما فيها الكهروآلية) للإشارة والأمان والرقابة والتحكم وتنظيم المرور لخطوط السكك الحديدية وما يماثلها ، للطرق البرية أو المائية الداخلية أو للموانئ أو لشحنات الموانئ أو المطارات ؛ أجزاءها .	86080000
التعليمات - البلاغات	الاتفاقيات			0%	حاويات (بما في ذلك حاويات نقل السوائل) مصممة ومجهزة خصيصاً للنقل بوسيلة أو أكثر من وسائل النقل .	86090000
						1

Clicking on the red triangle will open related children and lower levels. If clicking the agreements link the following grid will appear:

Comprehensive Integrated Tariff System

البيانات	التصنيفات	النسبة	البيانات
المطارات : أجزاءها .		0%	حاويات (بما في ذلك حاويات نقل السوائل) مصممة ومجهزة خصيصاً للنقل بواسطة أو أكثر من وسائل النقل .
86090000	الانقائات	0%	
	التعليمات - البيانات		
1			

الانقائات لبند التعريف 86040000			
اسم الانقائية	الرسم الموحد النسبي	الرسم الموحد النوعي	الرسم التفصيلي
اتفاق اقتصادي بين المملكة الأردنية الهاشمية والمملكة العربية السعودية	0%		0%
اتفاقية التعاون التجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية الجزائرية الديمقراطية الشعبية	0%		0%
اتفاقية منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية والجمهورية التونسية	0%		0%
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الامارات العربية المتحدة	0%		0%
الاتفاق التجاري والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة البحرين وتديلانته	0%		0%
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية العربية السورية	0%		0%
اتفاق اقتصادي بين المملكة الأردنية الهاشمية والجمهورية العراقية وتديلانته	0%		0%
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية السودان	0%		0%
اتفاق تجاري واقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة سلطنة عمان	0%		0%
اتفاق التعاون في مجال الشؤون التجارية بين المملكة الأردنية الهاشمية والسلطة الوطنية الفلسطينية وتديلانته	0%		0%
اتفاق التعاون الاقتصادي والتجاري والفني بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الكويت	0%		0%
اتفاق تجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية اللبنانية	0%		0%
اتفاقية تجارية بين حكومة المملكة الأردنية الهاشمية والجمهورية العربية الليبية الشعبية الاشتراكية العظمى	0%		0%
اتفاقية التبادل التجاري الحر بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية مصر العربية	0%		0%
اتفاقية التبادل الحر بين حكومة المملكة الأردنية الهاشمية وحكومة المملكة المغربية	0%		0%
البرنامج التنفيذي لاتفاقية تسير وتنمية التبادل التجاري بين الدول العربية لإقامة منطقة تجارة حرة عربية كبرى	0%		0%
اتفاقية للتعاون التجاري والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة اسرائيل	0%		0%
اتفاقية منطقة التجارة الحرة بين حكومة المملكة الأردنية الهاشمية وحكومة الولايات المتحدة الأمريكية	0%		0%
الاتفاق الاوروبي المتوسطي لتأسيس الشراكة فيما بين المجموعات الأوروبية ، والدول الأعضاء فيها من جهة ، والمملكة الأردنية الهاشمية من جهة أخرى	0%		0%
اتفاقية التجارة الحرة بين المملكة الأردنية الهاشمية ودول اتفاقية التجارة الحرة الأوروبية (الإفقا)	0%		0%
اتفاقية التعاون التجاري بين حكومتَي المملكة الاردنية الهاشمية والجمهورية البنية	0%		0%
1			

Clicking on the regulations link the following grid will appear:

Comprehensive Integrated Tariff System

ملاحظات قانونية		فصل 86 فاطرات و عربات و معدات للسكك الحديدية و ما يماثلها، و أجزاؤها، أجهزة إشارة آلية أو كهروآلية لطرق المواصلات				رقم	الحد
التعليمات - البلاغات	الاتفاقيات	قرارت التصنيف	الرسم الموحد النوعي	الرسم الموحد النسبي	الوصف		
التعليمات - البلاغات					فاطرات للسكك الحديدية تزود بالطاقة من مصدر خارجي أو بواسطة مدخرات كهربائية	8601	
التعليمات - البلاغات					فاطرات أخر للسكك الحديدية ؛ عربات تمويين " تندر "	8602	
التعليمات - البلاغات					عربات ذاتية الدفع للسكك الحديدية أو ما يماثلها ، عدا ما يدخل منها في البند 86.04	8603	
التعليمات - البلاغات	الاتفاقيات			%0	مركبات الخدمة أو الصيانة للسكك الحديدية أو ما يماثلها، وإن كانت ذاتية الدفع (مثل ورش الصليح وعربات ذات رافع وعربات ذلك الحصى وعربات صف الخطوط وعربات الجاراب ومركبات لفحص واختبار خطوط السكك الحديدية) .	86040000	
التعليمات - البلاغات	الاتفاقيات			%0	عربات سكك حديدية أو ما يماثلها للمسافرين ، غير ذاتية الدفع ؛ عربات الأمتعة أو البريد وغيرها من عربات السكك الحديدية أو ما يماثلها ، معدة لاستعمالات خاصة ، غير ذاتية الدفع (باستثناء ما يدخل منها في البند 86.04) .	86050000	
التعليمات - البلاغات					عربات سكك حديدية أو ما يماثلها لنقل البضائيم، غير ذاتية الدفع	8606	
التعليمات - البلاغات					أجزاء لفاطرات ومركبات وعربات السكك الحديدية أو ما يماثلها	8607	
التعليمات - البلاغات	الاتفاقيات			%0	معدات ثابتة لخطوط السكك الحديدية أو ما يماثلها ؛ أجهزة آلية (بما فيها الكهروآلية) للإشارة والأمان والرقابة والتحكم وتنظيم المرور لخطوط السكك الحديدية وما يماثلها ، للطرق البرية أو المائية أو الجوية أو للماوتف أو لسفنات الموانئ أو المطارات ؛ أجزاؤها .	86080000	
التعليمات - البلاغات	الاتفاقيات			%0	حاويات (بما في ذلك حاويات نقل السوائل) مصممة ومجهزة خصيصاً للنقل بوسيلة أو أكثر من وسائل النقل .	86090000	
1							
التعليمات - البلاغات لبند التعريف 86050000							
نوع التعليمات	وصف مختصر	الخاريخ	رقم				
تعميم	عدم السماح بتحويل البضائيم المخالفة للمواصفات للناطق الحرة وإعادة تصديرها	2005	79				
تعميم	تحويل كافة المعاملات الجمركية لتدويني المؤسسة لاتخاذ الإجراءات الازمه	1998	9				
1							

Clicking the tariff item itself the taxes and duties link will appear:

Comprehensive Integrated Tariff System

قسم	17	معدات نقل	ملاحظات قانونية		
فصل	86	قاطرات و عربات ومعدات للسكك الحديدية وما يماثلها، وأجزاؤها، أجهزة إشارة ألوية أو كهربائية لطرق المواصلات	ملاحظات قانونية		
البند	الوصف	الرسم الموحّد النسبي	قرارت التصنيف	الالتفاقيات	التعليمات - البلاغات
8601	قاطرات للسكك الحديدية تزود بالطاقة من مصدر خارجي أو بواسطة مدخرات كهربائية				
8602	قاطرات آخر للسكك الحديدية ؛ عربات شومين " نندر "				
8603	عربات ذاتية الدفع للسكك الحديدية أو ما يماثلها ، عدا ما يدخل منها في البند 86.04				
86040000	مركبات الخدمة أو الصيانة للسكك الحديدية أو ما يماثلها، وإن كانت ذاتية الدفع (مثل ورش الصليح وعربات ذات رافع وعربات دك الحصى وعربات صف الخطوط وعربات التجارب ومركبات الفحم واختبار خطوط السكك الحديدية) .	0%		الالتفاقيات	
86050000	عربات سكك حديدية أو ما يماثلها للمسافرين ، غير ذاتية الدفع ؛ عربات الأمتعة أو البريد وغيرها من عربات السكك الحديدية أو ما يماثلها ، معدة لاستعمالات خاصة ، غير ذاتية الدفع (باستثناء ما يدخل منها في البند 86.04) .	0%		الالتفاقيات	
8606	عربات سكك حديدية أو ما يماثلها لنقل البضائع، غير ذاتية الدفع				
8607	أجزاء لقاطرات ومركبات وعربات السكك الحديدية أو ما يماثلها				
86080000	معدات ثابتة لخطوط السكك الحديدية أو ما يماثلها ؛ أجهزة قلبية (بما فيها الكهروألوية) للإشارة والأمان والرقابة والتحكم وتنظيم السرور لخطوط السكك الحديدية وما يماثلها ، للطرق البرية أو المائية الداخلية أو للموانئ أو لمنشآت الموانئ أو المطارات ؛ أجزاؤها .	0%		الالتفاقيات	
86090000	حاويات (بما في ذلك حاويات نقل السوائل) مصممة ومجهزة خصيصاً للنقل بواسطة أو أكثر من وسائل النقل .	0%		الالتفاقيات	
1					
الرسموم الإضافية لبند التعريف 86040000					
وصف الرسم	الرسم				
الضريبة العامة على المبيعات (نسبة 16%)	16.000				
1					

If there are commodities on the tariff item then the following will appear:

Comprehensive Integrated Tariff System

2005/08/06

ملاحظات قانونية	معدات نقل	17	قسم
ملاحظات قانونية	عربات سيارة جرارات، دراجات و عربات ارضية أخر، و أجزاءها و لوازمها	87	فصل
ملاحظات قانونية	سيارات ركوب (خاصة) وغيره من العربات السيارة المصممة أساساً لنقل الأشخاص (عدا الأتلة في البند 87.02)، بما في ذلك سيارات "الاستيكن" وسيارات السباق	8703	بند

التعليمات - الإيضاحات	الإضافات	فراروت التصنيف	الرسم الموحد النوعي	الرسم الموحد النسبي	الوصف	البند الفرعي الأول
التعليمات - الإيضاحات	الإضافات			30.000 %	سيارات مصممة خصيصاً للسير على الثلج؛ سيارات خاصة لنقل الأشخاص في ملاعب الجولف، وسيارات مماثلة	87031000
التعليمات - الإيضاحات	▶		▶	▶	سيارات أخر، مجهزة بمحركات إحتراق داخلي ذات مكابس متناوية يتم الإشعال فيها بالشرر :-	87032
التعليمات - الإيضاحات	▶		▶	▶	سيارات أخر، مجهزة بمحركات إحتراق داخلي ذات مكابس يتم الإشعال فيها بالضغط (ديزل أو نصف ديزل) :-	87033
التعليمات - الإيضاحات	▶		▶	▶	غيرها :-	87039

الرسوم الإضافية لبند التعريف 87031000

الرسم	وصف الرسم
25.000	ضريبة مبيعات خاصتها (نسبة 25%)
16.000	الضريبة العامة على المبيعات (نسبة 16%)

السلع الإضافية لبند التعريف 87031000

الوصف	رمز المادة	رمز التعريف
سيارات ركاب مصممة للسير على الثلج سيارات نقل اشخاص لملاعب الجولف وسيارات مماثلة مصنوعة من 5 سن	531	87031000

Section 4.8: Rulings

Here the user is presented with the ruling list and search criteria to be used for their search.

Field Name	Description	Required
Key word	A key word search where user can type in any text, clicking the search button the system will search for any matching in the ruling body – description.	No
Tariff Code	Enter the tariff number at any level	No
Product Description	A text search where user can type in any text, clicking the search button the system will search for any matching in the products description field	No
Classification Rational	A text search where user can type in any text, clicking the search button the system will search for any matching in the classification description	No
Final HS Code decision	Search results displayed in the grid	No
Ruling No	Search results displayed in the grid	No
Date	Search results displayed in the grid	No



Section 4.9: Trade Agreements

The user will be presented with a list of trade agreements and search criteria to search.

Field Name	Description	Required
Agreement Name	A drop down list that displays all agreements where users can select from to view that one	No
Key word	A key word search where user can type in any text, clicking the search button the system will search for any matching.	No
Agreement Name	Search results displayed in the grid	No
Implementation Date	Search results displayed in the grid	No
Certificate of Origin	Search results displayed in the grid – Clicking on it will open the original document	No
Exceptions	Search results displayed in the grid – Clicking on it will open the original document	No
Special Terms	Search results displayed in the grid – Clicking on it will open the original document	No
TA Text	Search results displayed in the grid – Clicking on it will open the original document	No

اسم الاتفاقية					معلومات المشترك
تاريخ الحمول					الاشتراك
بحث					معرفة
تاريخ التطبيق					التصنيف
شروط الخاصة	تاريخ التطبيق	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اسم الاتفاقية
شروط الخاصة	24/11/2001	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الامارات العربية المتحدة
شروط الخاصة	29/05/2002	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	الاتفاق التجاري والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة البحرين وتعدلاته
شروط الخاصة	16/06/1999	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية والجمهورية التونسية
شروط الخاصة	31/01/1999	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية التعاون التجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية الجزائرية الديمقراطية الشعبية
شروط الخاصة	30/10/1962	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية اقتصادي بين المملكة الأردنية الهاشمية والمملكة العربية السعودية
شروط الخاصة	21/05/2002	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية العربية السورية
شروط الخاصة	21/02/1966	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية اقتصادي بين المملكة الأردنية الهاشمية والجمهورية العراقية وتعدلاته
شروط الخاصة	29/08/2003	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية السودان
شروط الخاصة	15/05/1993	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية تجاري واقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة سلطنة عمان
شروط الخاصة	08/06/1995	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية التعاون في مجال الشؤون التجارية بين المملكة الأردنية الهاشمية والسلطة الوطنية الفلسطينية وتعدلاتها
شروط الخاصة	09/04/2005	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية التعاون الاقتصادي والتجاري والقي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الكويت
شروط الخاصة	23/07/1993	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية تجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية اللبنانية
شروط الخاصة	13/04/1993	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية تجارة حرة بين حكومة المملكة الأردنية الهاشمية والجمهورية العربية السورية اللجنة الشعبية الاكثر اكية العظمى
شروط الخاصة	28/12/1999	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية التبادل التجاري الحر بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية مصر العربية
شروط الخاصة	21/10/1999	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	اتفاقية التبادل الحر بين حكومة المملكة الأردنية الهاشمية وحكومة المملكة المغربية
شروط الخاصة	01/03/1998	الاستثناءات	نموذج شهادة المنشأ	قواعد المنشأ	الفر دامج التفضيلي لاتفاقية تجاري وتنمية التبادل التجاري بين

Section 4.10: Regulation

Here the user is presented with search criteria where he can choose one or more to be able to search for regulations. Search results will appear in a row format under the search button.

Field Name	Description	Required
OGA	A drop down list where the user can select the One or all OGA's	No
Key word	A key word search where user can type in any text, clicking the search button the system will search for any matching.	No
Date from	Regulation date from, the user will be able to search for a date from a calendar	No
Date To	Regulation date To (Duration), the user will be able to search for a date from a calendar	No
Regulation No	The user can fill the regulation number	No
Regulation No	Search results displayed in the grid	No
Regulation Date	Search results displayed in the grid	No
Regulation OGA	Search results displayed in the grid – Clicking it will redirect the user to the OGA website	No
Summary	Search results displayed in the grid	No
Regulation Type	Search results displayed in the grid	No

الكل

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تاريخ الحصول بحث

الدائرة الحكومية

كلمة مرتبطة بالبحث

من تاريخ

الي تاريخ

الرقم

رقم الاجراء	التاريخ	الجهة المسؤولة	ملخص	نوع التعلية
58	2005	وزارة الصناعة والتجارة	اعفاء اضرار الضغوط ذات المنشأ الاردني المصدره جوا من بدل الخدمات شريطة ان لا يتجاوز وزن الاسراليه الواحدة عن 3 طن	تعميم
128	2005	وزارة الصناعة والتجارة	استيفاء رسم الاستيراد الاضافي على القيمة او الكمية الزائده عن 10% للسلع : الطيب الصناعي/الاطارات المستعملة/الغصيان والحبان بقطر يزيد عن 5.5ملم/الالبسة والاهتسة والبياضات من منشأ سوريا	تعميم
95	2005	مؤسسة المواصفات والمقاييس الاردنية	تحويل معاملات عدادات الوفود المختلفة لمؤسسة المواصفات عند استيرادها للتأكد من مطابقتها للمتطلبات القانونية	تعميم
49	2005	رئاسة الوزراء	العمل بنظام معدل لنظام الضريبة الخاصة رقم 32 لسنة 2005 اعتبار من 2005/5/3	بلاغ
35	2005	دائرة الجمارك	ضرورة تحصيل بدل الخدمات المرور على الطرق عن البضائع الداخلة للملكة ووضع الإدخال السوكت او ايداع البوندد	بلاغ
36	2005	دائرة الجمارك	منع دخول السيارات التي يقل تاريخ صنعها عن موديل 2000 الي العراق	بلاغ
20	2005	رئاسة الوزراء	تعليمات استيفاء بدل خدمات المرور على الطرق رقم 3 لسنة 2005 والية العمل بها	بلاغ
43	2005	دائرة الجمارك	تعديل الفقرة 13 من اجراءات اصدار وتصديق شهادات البورو لخايات التصدير لشول الافتا	بلاغ
138	2005	وزارة الصناعة والتجارة	اعتماد شهادة ضمان فقط للتخليص على الاجهزة الكهري باثمة المستعملة	تعميم
48	2005	وزارة النقل	منع دخول الشاحنات التركية الفارغة للملكة بقصد التحميل دون موافقة وزارة النقل	تعميم
15	2005	دائرة الجمارك	وقف العمل بال 14/2005 الخاص بالاغصانات الممنوحة للشاحنات العراقية الخاص بالقرار رقم 2202 تاريخ 6/7/2004	بلاغ
117	2005	دائرة الجمارك	التأكيد على الاعفاءات الممنوحة للمساعدات الانسانية ومواد الاغاثة	تعميم
96	2005	دائرة الجمارك	ضرورة فرز البضائع السورية والمصرية المحتوية على قطع غيار سيارات عن باقي الاسراليه للمعاينة والتأكد من المنشأ	تعميم
31	2005	دائرة الجمارك	استحقاق تحصيل بدل الخدمات على البضائع التي مضهدا العراق	بلاغ
97	2005	وزارة الصناعة والتجارة	ضرورة فحص سفلات العناصر (زئبق-مغنيز خحاس وحديد) مخبريا تقادبا لاستعمالها بالتسميد الزراعي لانها تحتوي على مواد تضر بالانسان	تعميم
103	2005	وزارة الصناعة والتجارة	استيفاء رسم الاستيراد الاضافي على القيمة او الكمية الزائده عن 10% او كمية الرخصة الصادرة للسلع : الطيب الصناعي/الاطارات المستعملة/الغصيان والحبان بقطر يزيد عن 5.5ملم/الالبسة والاهتسة والبياضات من منشأ سوريا	تعميم
42	2005	دائرة الجمارك	التأكيد على ان منتجات م ح في الدول العربية لا تستفيد من الاعفاء والتخفيض من الرسوم الجمركيه	بلاغ
155	2005	المؤسسة العامة للغذاء والدواء	التقيد بتعليمات نقل الزيوت والدهون واعتماد التعليمات الاوروبية وما بطرا عليها من تعديلات	تعميم

Section 4.11: Other Taxes and Duties



Here the user is presented with search criteria where he can fill part or all Tax name. Search results will appear in a row format under the search button.

Field Name	Description	Required
Tax Name	A text search where user can type in any text, clicking the search button the system will search for any matching.	No
Tax Name	Search results displayed in the grid	No
Amount	Search results displayed in the grid	No
Unit	Search results displayed in the grid	No

Section 4.12: Advanced Search

Here the user is presented with a search screen whereby he can choose search type and then write a text that searches the description and subjects fields in CITS based on the search type.



المملكة الأردنية الهاشمية



دائرة الجمارك

الاقتافيات

الاقتافيات

جدول التعريف

التعليمات و البلاغات

الرسوم والضرائب الاخرى

قرارات التصنيف

مصنوع

خيار البحث

كلمة مرتبطة بالبحث

بحث

ملاحظات قانونية	معادن عادية ومصنوعاتها	15	فسم
ملاحظات قانونية	معادن عادية آخر ، خلاط خرفية معدنية (سرميت) ، مصنوعات هذه المواد	81	فصل
الوصف		المتد	
	تتجسطن (ولرام) ومصنوعاته، بما في ذلك الفضلات والخردة	8101	
	مولينديوم ومصنوعاته ، بما في ذلك الفضلات والخردة	8102	
	تنتالوم ومصنوعاته ، بما في ذلك الفضلات والخردة	8103	
	ماغنسيوم ومصنوعاته ، بما في ذلك الفضلات والخردة	8104	
	كوبالت نصف خام (مات) ومنتجات وسيطة آخر من معدن الكوبالت؛ كوبالت ومصنوعاته ، بما في ذلك الفضلات والخردة	8105	
	بيزموث ومصنوعاته ، بما في ذلك الفضلات والخردة	8106	
	كاديوم ومصنوعاته ، بما في ذلك الفضلات والخردة	8107	
	ثيكتيوم ومصنوعاته ، بما في ذلك الفضلات والخردة	8108	
	زيركونيوم ومصنوعاته ، بما في ذلك الفضلات والخردة	8109	
	أنتيموان ومصنوعاته ، بما في ذلك الفضلات والخردة	8110	
	منجنيز ومصنوعاته ، بما في ذلك الفضلات والخردة	8111	
	بيريليوم وكرينيوم وجرمانيوم وفاناديوم وجاليوم وهافيوم (سليكون) وأندنيوم ونيوبيوم (كولومبيوم) ورنينيوم وتاليوم، ومصنوعات هذه المعادن، بما في ذلك الفضلات والخردة	8112	
	خلاط معدنية خرفية (سرميت) ومصنوعاتها ، بما في ذلك الفضلات والخردة	8113	

جدول التعريف

معلومات المنتج

تفاصيل الاشارة

جدول التعريف

قرارات التصنيف

الاقتافيات

التعليمات

ضرائب اخرى

بحث متقدم

تغيير كلمة السر

ملاحظات الحوار

طلب تصنيف

خروج

Section 4.13: Change Password

The user is presented here with a screen that allows him to change his password.

Field Name	Description	Required
Old Password	The current used password for the current logged in user	Yes
New Password	The new password for the current logged in user	Yes
Confirm Password	This entry field should match the entry in the "new password" field, the system should alert the user if both of them are not identical	Yes

The screenshot shows the 'دائرة الجمارك' (Customs Directorate) website. The header includes the Jordanian flag and the text 'المملكة الأردنية الهاشمية'. The main content area features a login and password change form. The form has the following fields and labels:

- علاء الزرعيني (User Name)
- اسم المستخدم (Username)
- كلمة السر السابقة * (Previous Password)
- كلمة السر * (New Password)
- تأكيد كلمة السر * (Confirm Password)

At the bottom of the form, there are two buttons: 'مواقع' (Locations) and 'فرع الحمول' (Cargo Branch). On the right side, there is a sidebar menu with the following items:

- تغيير كلمة السر (Change Password)
- تسجيل الدخول (Login)
- جدول التريفة (Tariff Schedule)
- قرارات التصنيف (Classification Decisions)
- الائتمانيات (Guarantees)
- الخطوات (Steps)
- صيرائب اخرى (Other Licenses)
- بحث (Search)
- تغيير كلمة السر (Change Password)
- طلب تصنيف (Request Classification)
- خروج (Logout)

Section 4.14: Discussion Forums

Here the user is presented with a list of topics that are currently in CITS even if he is not participating in.

Field Name	Description	Required
Topic Name	A key word search where user can type in any text, clicking the search button the system will search for any matching in the topics subjects	No



Clicking the add topic button the following screen will appear:

Upon submitting the form above an email will be sent automatically to the invited OGA notifying them of participating in the new topic. Users will be able to login and will view the first screen. Clicking the desired topic will open the following:

Replying for a topic opens the following window:

المملكة الأردنية الهاشمية

دائرة الجمارك

معلومات المشترك
تفاصيل الاشتراك
جدول التعريفه
قرارات التصنيف
الإعفاءات
التعليقات
ضرائب أخرى
بحث متقدم
تغيير كلمة السر
مفتديات الجواز
طلب تصديف
خروج

رمز دخول المشترك

النص

مشترك 1

موافق نقرع الحفول

Section 4.15: Classification Request

Here the user is presented with a screen whereby he can fill his classification request:

Field Name	Description	Required
First Name	Displayed from the registration information. This field will be disabled	
Last Name	Displayed from the registration information. This field will be disabled	
Address	Displayed from the registration information. This field will be disabled	
Telephone Number	Displayed from the registration information. This field will be disabled	
Fax	Fax number to be entered by user	No
Product Description	Text area where the user can fill his product(s) description	Yes
Scientific Name	Text area where the user can fill the Scientific Name	Yes
Trade Name	Text area where the user can fill the Trade Name	Yes
Producers	Text area where the user can fill the Producers	Yes
Packaging	Text area where the user can fill the Packaging	Yes
Manufacturer	Text area where the user can fill the Manufacturer	Yes
Request	Text area where the user can fill the Request	Yes
Attachment	Text area where the user can select the location and the document name to be attached such as his procure or other documents.	No

The screenshot shows the 'دائرة الجمارك' (Customs Directorate) website. The header includes the Jordanian flag and the text 'المملكة الأردنية الهاشمية'. The main heading is 'دائرة الجمارك'. The form is titled 'طلب تصنيف' (Classification Request) and contains the following fields:

- اسم الاول (First Name): احمد
- اسم العائلة (Last Name): عمان
- رقم الهاتف (Phone Number): 962795552231
- فاكس (Fax): [Empty field]
- وصف السلعة (Product Description): [Empty field]
- الاسم العلمي (Scientific Name): [Empty field]
- الاسم التجاري (Trade Name): [Empty field]
- الجهة المنتجة (Producers): [Empty field]
- التغليف (Packaging): [Empty field]
- جهة التصنيع (Manufacturer): [Empty field]
- الطلب (Request): [Empty field]
- ارفاق ملف (Attachment): [Empty field]

At the bottom of the form, there are buttons for 'موافق' (Agree) and 'تفريع الحصول' (Get the form). On the right side, there is a sidebar with the following navigation links:

- معلومات المشترك (Subscriber Information)
- تفاصيل الاستيراد (Import Details)
- جدول التعريف (Classification Table)
- قرارات التصنيف (Classification Decisions)
- الإعفاءات (Exemptions)
- التعليقات (Comments)
- ضرائب أخرى (Other Taxes)
- بحث مقدم (Submitted Search)
- تعديل كلمة السر (Change Password)
- معلومات الجواز (Passport Information)
- طلب تصنيف (Classification Request)
- خروج (Logout)

Section 4.16: Logout

This link will prompt a message where user chooses if he wishes to leave the system or not.



Section 5: Database Design

In this section the database components are described. Specifically the database tables are listed and described, the database stored procedures and other components.

Section 5.1: Tables Descriptions

Field Name	Data Type and Size	Field Description
FormID	Int	Form/page ID (P.K)
FormTitle	VarChar (200)	The menu option title/description such as "change password", "manage users" etc
FormName	VarChar (200)	The physical name of the form / page. E.g. "logout.aspx"
FormType	Bit	If the value = "1" means that this form/page can be accessed only by the system administrators workgroup
FormOrder	SmallInt	The order of the form/page in the

		menu
VisibleStatus	SmallInt	0: hidden menu option, 1: active menu option

Table Name: Workgroups Table Description: Users workgroups such as "Administrators, Data Entry Group ,etc" Related to: Users, Permissions tables Notes: -		
Field Name	Data Type and Size	Field Description
GrpID	Int	Workgroup ID (P.K)
GrplsSysAdmins	SmallInt	If the value = "1": this is the main system administrators workgroup, that can't be deleted
GrpDesc	VarChar (200)	Workgroup name
GrpStatus	SmallInt	0:Inactive, 1:active workgroup
ModificationDate	DateTime	The last modification date
ModifiedBy	VarChar (100)	The name of the administrator who did the last modifications

Table Name: Users Table Description: Administrators and Assistants table Related to: Workgroups Notes: -		
Field Name	Data Type and Size	Field Description
UserID	Int	User ID (P.K)
GrpID	Int	Workgroup ID (F.K)
UserLoginID	VarChar (50)	User unique login ID
UserPassword	VarChar (50)	User unique password
UserName	VarChar (100)	User name
Email	VarChar (100)	User email
UserStatus	SmallInt	0:Inactive, 1:active user
UserPersonallInfo	VarChar (4000)	Personal information such as address, phone number, etc
ModificationDate	DateTime	The last modification date
ModifiedBy	VarChar (100)	The name of the administrator who did the last modifications

Table Name: permissions Table Description: Assigned permissions to system workgroups Related to: Forms, Workgroups tables Notes: -		
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Field Name	Data Type and Size	Field Description
GrpID	Int	Workgroup ID (F.K)
FormID	Int	Form/Page ID (F.K)
EnableAdd	Bit	If value = "1": the workgroup can access the "Add" operation for the assigned form.
EnableUpdate	Bit	If value = "1": the workgroup can access the "Edit" operation for the assigned form.
EnableDelete	Bit	If value = "1": the workgroup can access the "Delete" operation for the assigned form.
EnableUse	Bit	If value = "1": the workgroup can use the assigned form/page.
EnablePublish	Bit	If value = "1": the workgroup can access the "Publishing" operation.
ModificationDate	Date Time	The last modification date
ModifiedBy	VarChar (100)	The name of the administrator who did the last modifications

Table Name: Subscribers		
Table Related Notes: -	Description: to: Related to	Subscribers table Profile Subscribers
Field Name	Data Type and Size	Field Description
RegId	Auto Number	Applicant ID (P.K)
FirstName	VarChar(100)	English First Name
AFirstName	NVarChar(100)	Arabic First Name
LastName	VarChar(100)	English Last Name
ALastName	NVarChar(100)	Arabic Last Name
Email	VarChar(100)	Email Address
BusName	VarChar(200)	Business Name
Address	VarChar(400)	Address
TeleNo	VarChar(50)	Telephone Number
IndSec	Int	Industry Sector (F.K.) from table Ind_Sector
Other	VarChar(200)	Other industry sectors to be filled by the user
Username	VarChar(20)	User name
Password	VarChar(20)	Password
UsrSts	SmallInt	0:Inactive, 1:active user

Table Name: Ind_Sector		
Table Related Notes:	Description: to:	Industry Sector Subscribers
Field Name	Data Type and Size	Field Description
IndSec	Int	Industry Sector ID (P.K)

IndSecDesc	VarChar(200)	English Description
IndSecADesc	VarChar(200)	Arabic Description

Table Name: Subscription		
Table Related	Description: to:	Subscribers table and Audit Trail
Notes: -		
Field Name	Data Type and Size	Field Description
RegId	BigInt	Applicant ID (P.K) – F.K. from table Subscribers
TaFlg	SmallInt	Trade agreement Flag; 0:Yes, 1:No
RegFlg	SmallInt	Regulations Flag; 0:Yes, 1:No
SalesTaxFlg	SmallInt	Sales Tax Flag; 0:Yes, 1:No
RulFlg	SmallInt	Rulings Flag; 0:Yes, 1:No
TariffFlg	SmallInt	Tariff Flag; 0:Yes, 1:No

Table Name: SubRegu		
Table Related	Description: to:	Regulations table and Subscription Audit Trail
Notes: -		
Field Name	Data Type and Size	Field Description
RegId	BigInt	Applicant ID (P.K) – F.K. from table Subscribers
REGU_NUM	Varchar (20)	Regulation Number, NOT NULL (PK), F.K. from table Regulations_Tab

Table Name: SubTa		
Table Related	Description: to:	Trade Agreements table and Subscription Audit Trail
Notes: -		
Field Name	Data Type and Size	Field Description
RegId	BigInt	Applicant ID (P.K) – F.K. from table Subscribers
AGREM_CODE	Varchar (5)	Trade Agreement Number, NOT NULL (PK), F.K. from table AGREEMENT_TAB

Table Name: SubTariff		
Table Related	Description: to:	Tariff Table and Subscription Audit Trail
Notes: -		
Field Name	Data Type and Size	Field Description
RegId	BigInt	Applicant ID – F.K. from table Subscribers
SEC_NUM	CHAR(2)	Section Code – F.K. from table Tariff_Tab

CH_NUM	CHAR(2)	Chapter Code – F.K. from table Tariff_Tab
HEAD_NUM	CHAR(2)	Heading Code 1 – F.K. from table Tariff_Tab
SUBH1_NUM	CHAR(1)	Sub heading Code – F.K. from table Tariff_Tab
SUBH2_NUM	CHAR(1)	Sub heading 2 Code – F.K. from table Tariff_Tab
LOC1_NUM	CHAR(1)	Local 1 Code – F.K. from table Tariff_Tab
LOC2_NUM	CHAR(1)	Local 2 Code – F.K. from table Tariff_Tab
HS_CODE	CHAR(8)	HS Code – F.K. from table Tariff_Tab
EXTND_CODE	CHAR(4)	Extended Code – F.K. from table Tariff_Tab
COMM_CODE	CHAR(3)	Commodity Code – F.K. from table Tariff_Tab

Table Name: SysParameters Table Description: General System Configuration Parameters / Values Related to: - Notes: -		
Field Name	Data Type and Size	Field Description
MaxRecPerPage	Int	Maximum number of records per page
MaxPagesCnt	Int	Maximum number of page numbers links
ModificationDate	DateTime	The last modification date
ModifiedBy	VarChar (100)	The name of the administrator who did the last modifications

Table Name: AGENCY_TAB Table Description: Agencies and CITS tables Related to: - Subscription, Discussion Notes: -		
Field Name	Data Type and Size	Field Description
AGENCY_CODE	VARCHAR(5)	Agency Code NOT NULL (PK)
AGENCY_NAME	VARCHAR(50)	Agency Name
E_AGENCY_NAME	VARCHAR(50)	Agency English name
AGENCY_ADRSS	VARCHAR(50)	Agency Address
E_AGENCY_ADRSS	VARCHAR(50)	Agency English address
AGENCY_TEL	VARCHAR(20)	Agency Telephone
AGENCY_FAX	VARCHAR(20)	Agency Fax number
AGENCY_EMAIL	VARCHAR(50)	Agency email

AGENCY_WEBSITE	VARCHAR(50)	Agency website
USERNAME	VARCHAR(50)	User Login Name
PASSWORD	VARCHAR(50)	Password That is given For the Agency

Table Name: Newtopic		
Table	Description:	New
Related	to:	and
Notes: -	-	Reply
		Topics
		TopicOGA
Field Name	Data Type and Size	Field Description
Postid	Auto Number	P.K.
AGENCY_CODE	VARCHAR(5)	Agency Code; F.K. from table Agency_Tab
Subject	NVarChar(100)	Subject
PostDate	Date-Time	Post Date
Message	NText(16)	Message Body
Replies	Int	No. of Replies

Table Name: TopicOGA		
Table	Description:	New
Related	to:	and
Notes: -	-	Reply
		Topics
		Newtopic
Field Name	Data Type and Size	Field Description
Postid	Int	P.K.; F.K. from table Newtopic
AGENCY_CODE	VARCHAR(5)	P.K.; Agency Code; F.K. from table Agency_Tab

Table Name: Reply		
Table	Description:	New
Related	to:	and
Notes: -	-	TopicOGA
		Topics
		Newtopic
Field Name	Data Type and Size	Field Description
Replyid	Auto Number	P.K.
Postid	Int	F.K. from table Newtopic
AGENCY_CODE	VARCHAR(5)	Agency Code; F.K. from table Agency_Tab
Reptime	Date, time	
Message	Ntext(15)	Message

Table Name: AGREEMENT_TAB_VIEW		
Table	Description:	Information
Related	to:	of
Notes: -	-	all
		Agreements
		-
Field Name	Data Type and Size	Field Description
AGREM_CODE	varchar (5)	P.K.
AGREM_DESCR	Nvarchar(200)	Agreement Description
ENFORCE_DATE	Datetime(8)	Enforce Date

HS_CODE	Varchar(8)	HS Code
HS_DESCR	Nvarchar(1000)	HS description
DUTY_VALUE	Numeric(5)	Duty Value
PREF_RATE	varchar (10)	Preferential Rate

Table Name: AuditTrial		
Table Description: Store the Users selection on the Tariff Tree		
Related to: - Subscribers		
Notes: -		
Field Name	Data Type and Size	Field Description
UserID	Nvarchar(100)	User ID; F.K. from table Subscribers
HS_Key	Varchar(17)	Selected HS key
EventDate	Datetime(8)	Entry Date

Table Name: Calssification_Request		
Table Description: Calssification_Request		
Related to: - Subscribers		
Notes: -		
Field Name	Data Type and Size	Field Description
RequestID	int (4)	P.K
RegID	Bigint(8)	P.K RegID; F.K. from table Subscribers
Fax	varchar (20)	Fax number – from table subscribers
ScientificName	Nvarchar(50)	Product scientific name
TradeName	Nvarchar(50)	Product trade name
Producer	Nvarchar(50)	Producer
Packaging	Nvarchar(50)	Packaging information
Manufacturer	Nvarchar(50)	Manufacturer
Requesttext	Nvarchar(4000)	Request Body – Description
SUG_HS	Nvarchar(4000)	Suggested HS Code
Attachment	Nvarchar(4000)	Attachment to be included in the request such as the brochure
Status	Bit	Request status – Internal use 1: new, 2: replied to
CLASS_DATE	datetime	Classification request date

Table Name: REGU_HS_TAB		
Table Description:		
Related to: - REGULATIONS_TAB, TARIFF_TAB		
Notes: -		
Field Name	Data Type and Size	Field Description
REGU_NUM	varchar (20)	Regulation number, F.K. from table Regulations-Tab
REGU_YEAR	Char(4)	Regulation year, F.K. from table Regulations-Tab
REGU_TYPE	char (1)	Regulation type, F.K. from table

		Regulations-Tab
HS_CODE	varchar(8)	HS code
EXTND_CODE	char(4)	Extended code
COMM_CODE	char(3)	Commodity Code
HS_KEY	varchar(15)	HS key
PARENT_KEY	varchar(17)	Parent key (higher level for the tariff code)
BEGIN_DATE_HS	Datetime	Begin date
END_DATE_HS	Datetime	End date
REGU_HS_DESCR	varchar(1000)	Tariff item Description
USER_ID	Int(4)	User ID

Table Name: REGULATIONS_TAB		
Table Description: REGULATIONS		
Related	to:	-
Notes: -		
Field Name	Data Type and Size	Field Description
REGU_NUM	varchar (20)	Regulation number
REGU_YEAR	char (4)	Regulation year
REGU_TYPE	char (1)	Regulation Type
DEWAN_NUM	varchar(15)	Dewan number
DEWAN_DATE	Datetime	Dewan date
AGREM_CODE	varchar(5)	Agreement code
ENFORCE_DATE	Datetime	Enforce date
REGU_AGENCY_NUM	varchar(100)	OGA Issuer
AGENCY_ISSUE_DATE	Datetime	Issue date
AGENCY_CODE	varchar(5)	OGA code
UN_CODE	varchar(6)	UNCTAD code
REG_ENFORCE_DATE	Datetime	Regulation enforce date
REVIEW_DATE	Datetime	Review date
END_DATE	Datetime	End date
CTY_EFFECT_TYPE	char(1)	
REGU_DESCR	Varchar(1000)	
E_REGU_DESCR	Varchar(1000)	
IMAGE_PATH	Varchar(200)	
BORD_ACTION	Varchar(500)	
CONTACT_PERSON	Varchar(500)	
KEYWORDS	Varchar(200)	
E_KEYWORDS	varchar(200)	
REC_STAT	Char(1)	
USER_ID	Int(4)	

Table Name: RULING_TAB Table Description: RULINGS Related to: - TARIFF_TAB Notes: -		
Field Name	Data Type and Size	Field Description
CLASS_BODY	char (1)	Classification body
ADVICE_NUM	varchar (20)	
RULE_ISSUE_DATE	Datetime	
RULE_EXPIRE_DATE	Datetime	
INTERP_TYPE	Varchar(20)	
TRADE_NAME	varchar(200)	
E_TRADE_NAME	varchar(200)	
PRODC_DESCR	varchar(1000)	
E_PRODC_DESCR	varchar(1000)	
MANUFAC_NAME	varchar(200)	
E_MANUFAC_NAME	varchar(200)	
APPLIC_NAME	varchar(200)	
E_APPLIC_NAME	varchar(200)	
APPLIC_ADDRES	varchar(200)	
E_APPLIC_ADDRES	varchar(200)	
APPLIC_TEL	Varchar(20)	
CUST_DEC_NUM	Varchar(15)	
CUST_DEC_DATE	Datetime	
ATTACHMENT	Varchar(100)	
CLASS_RATIO	Varchar(1000)	
SUBSCRIBER_ID	Varchar(20)	
HS_CODE	varchar(8)	
EXTND_CODE	Char(4)	
COMM_CODE	Char(3)	
INTERP_HS	Varchar(200)	
HS_SUGEST	Varchar(200)	
COMM_DESCR	Varchar(4000)	
APPLIC_EMAIL	Varchar(100)	
REQUESTID	Int(4)	
USER_ID	Int(4)	

Table Name: TARIFF_TAB Table Description: TARIFF INFORMATION Related to: - TAXES_TAB Notes: -		
Field Name	Data Type and Size	Field Description
SEC_NUM	char (2)	
CH_NUM	char (2)	
HEAD_NUM	char (2)	
SUBH1_NUM	char (1)	
SUBH2_NUM	char (1)	

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LOC1_NUM	char (1)	
LOC2_NUM	char (1)	
HS_CODE	varchar(8)	
EXTND_CODE	char(4)	
COMM_CODE	char(3)	
REF_SOURCE_CODE	varchar(3)	
HS_DESCR	varchar(1000)	
E_HS_DESCR	varchar(1000)	
DUTY_CODE	varchar(5)	
STATIC_UNIT1	varchar(3)	
STATIC_UNIT2	Varchar(3)	
STATIC_UNIT3	Varchar(3)	
GAZETT_NUM	Varchar(15)	
GAZETT_DATE	Datetime	
PARENT_KEY	Varchar(17)	
BEGIN_DATE	Datetime	
END_DATE	Datetime	
REC_STAT	Char(1)	
TRACKABLE	Char(1)	
HS_KEY	Varchar(17)	
DUTY_KIND_CODE	Varchar(5)	
LEGAL_NOTES	text (16)	
E_LEGAL_NOTES	text (16)	

Table Name: TAXES_TAB		
Table Description: TAXES		
Related	to:	UNIT_TAB
Notes: -		
Field Name	Data Type and Size	Field Description
DUTY_CODE	varchar (5)	
DUTY_NAME	nvarchar (200)	
E_DUTY_NAME	varchar (200)	
DUTY_VALUE	Numeric(5)	
DUTY_TYPE	Varchar(2)	
DUTY_UNIT	Varchar(3)	
CALC_DESCR	Varchar(200)	
E_CALC_DESCR	Varchar(200)	
UN_CODE	Varchar(6)	
BEGIN_DATE	Datetime	
END_DATE	Datetime	
GAZETT_NUM	Varchar(15)	
GAZETT_DATE	Datetime	

Table Name: UNIT_TAB		
Table Description: UNITS of TAXES		
Related	to:	-
Notes: -		
Field Name	Data Type and Size	Field Description
UNIT_CODE	varchar (3)	

UNIT_DESCR	varchar (100)	
E_UNIT_DESCR	varchar (100)	

Table Name: TMP_AGENCY_TAB		
Table Related	Description:	temporary to:
Agencies		
Table -		
Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
AGENCY_CODE	VARCHAR(5)	Agency Code NOT NULL
AGENCY_NAME	VARCHAR(255)	Agency Name
E_AGENCY_NAME	VARCHAR(255)	Agency English name
AGENCY_ADRSS	VARCHAR(50)	Agency Address
E_AGENCY_ADRSS	VARCHAR(50)	Agency English address
AGENCY_TEL	VARCHAR(20)	Agency Telephone
AGENCY_FAX	VARCHAR(20)	Agency Fax number
AGENCY_EMAIL	VARCHAR(50)	Agency email
AGENCY_WEBSITE	VARCHAR(50)	Agency website
TRANS_DATE	DateTime(8)	Transaction Date
STAT	Bit	Transaction Status
User Name	Varchar(50)	User Name Given For the agency
Password	Varchar(50)	Password
Copied	Bit	To Determine If the record copied or not yet

Table Name: AGREEMENT_TAB

Table Related Notes: -	Description:	to:	Agreements	Table -
Field Name	Data Type and Size	Field Description		
AGREM_CODE	VARCHAR(5)	Agreement Code NOT NULL		
AGREM_DESCR	VARCHAR(200)	Agreement Arabic Description		
E_AGREM_DESCR	VARCHAR(200)	Agreement English Description		
SIGNED_DATE	DATETIME(8)	Date Signed		
ENFORCE_DATE	DATETIME(8)	Date of applying the agreement		
END_DATE	DATETIME(8)	Date the agreement become inactive		
AGREM_COND	VARCHAR(1000)	Conditions of the agreement		
E_AGREM_COND	VARCHAR(1000)	Conditions of the agreement by english		
AGREM_BODY	VARCHAR(200)	Agreement body		
RULES_OF_ORIG	Varchar(400)	Rules Of origin		
CERT_OF_ORIG	Varchar(200)	Certificate of origin		
AGREM_TYPE	Varchar(1)	Agreement Type		
AGREM_NOTES	Varchar(1000)	Notes		
BASE_RATE_DATE	DateTime(8)	The Date of applying the base rate		

Table Related Notes: - For data transaction purposes	Description:	Temporary to:	Agreements	Table -
Field Name	Data Type and Size	Field Description		
AGREM_CODE	VARCHAR(5)	Agreement Code NOT NULL		
AGREM_DESCR	VARCHAR(200)	Agreement Arabic Description		
E_AGREM_DESCR	VARCHAR(200)	Agreement English Description		
SIGNED_DATE	DATETIME(8)	Date Signed		
ENFORCE_DATE	DATETIME(8)	Date of applying the agreement		
END_DATE	DATETIME(8)	Date the agreement become inactive		
AGREM_COND	VARCHAR(1000)	Conditions of the agreement		
E_AGREM_COND	VARCHAR(1000)	Conditions of the agreement by English		
AGREM_BODY	VARCHAR(200)	Agreement body		
RULES_OF_ORIG	VARCHAR (400)	Rules Of origin		
CERT_OF_ORIG	VARCHAR (200)	Certificate of origin		
AGREM_TYPE	VARCHAR (1)	Agreement Type		
AGREM_NOTES	VARCHAR (1000)	Notes		
BASE_RATE_DATE	DATETIME (8)	The Date of applying the base rate		
TRANS_DATE	DATETIME(8)	Date of modifying the record		
STAT	CHAR(1)	Status of record (Copied, Deleted, Added)		
Copied	Bit	To determine if the record is copied		

		to the data base or not yet
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Table Name: HS_TAXES_TAB		
Table Related	Description:	HS_CODE
	to:	-
		Related taxes Table TARIFF_TAB,TAXES_TAB
Notes: -		
Field Name	Data Type and Size	Field Description
HS_CODE	VARCHAR(8)	Harmonized System Code
EXTND_CODE	NCHAR(4)	Extended Code
COMM_CODE	NCHAR(3)	Commodity Code
DUTY_CODE	NVARCHAR(5)	Duty Code
BEGIN_DATE	DATETIME(8)	Date of applying the tax for the HS_CODE
END_DATE	DATETIME(8)	Date the tax become inactive
GAZETT_NUM	NVARCHAR(15)	gazette number
GAZETT_DATE	DATETIME(8)	gazette issue date
REC_STAT	NCHAR(1)	Record Status(0: Inactive, 1 :Active)

Table Name: TMP_HS_TAXES_TAB		
Table Related	Description:	HS_TAXES
	to:	temporary table
		-
Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
HS_CODE	VARCHAR(8)	Harmonized System Code
EXTND_CODE	NCHAR(4)	Extended Code
COMM_CODE	NCHAR(3)	Commodity Code
DUTY_CODE	NVARCHAR(5)	Duty Code
BEGIN_DATE	DATETIME(8)	Date of applying the tax for the HS_CODE
END_DATE	DATETIME(8)	Date the tax become inactive
GAZETT_NUM	NVARCHAR(15)	gazette number
GAZETT_DATE	DATETIME(8)	gazette issue date
REC_STAT	NCHAR(1)	Record Status(0: Inactive, 1 :Active)
TRANS_DATE	DATETIME(8)	Record Modification Date
STAT	CHAR(1)	Status (Updates, Deleted, Added)
COPIED	Bit	To determine if the record copied to the data base or not yet

Table Name: TMP_REGU_HS_TAB Table Description: HS_CODE Related Regulations table Related to: - Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
REGU_NUM	varchar (20)	Regulation number
REGU_YEAR	Char(4)	Regulation year
REGU_TYPE	char (1)	Regulation type
HS_CODE	varchar(8)	Harmonized system code
EXTND_CODE	char(4)	Extended code
COMM_CODE	char(3)	Commodity code
HS_KEY	varchar(15)	Hs key
PARENT_KEY	varchar(17)	Parent key
BEGIN_DATE_HS	Datetime	HS begin date
END_DATE_HS	Datetime	Hs end date
REGU_HS_DESCR	varchar(1000)	Regulation description
USER_ID	Int(4)	The id of the user who added or updated the record
TRANSDATE	DATETIME(8)	The date when the record was modified
STAT	CHAR(1)	Status (Updated, Added, Deleted)
COPIED	Bit	To determine if the record copied to the data base or not yet

Table Name: TMP_REGULATIONS_TAB Table Description: REGULATIONS temporary table Related to: - Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
REGU_NUM	varchar (20)	Regulation Number
REGU_YEAR	char (4)	Regulation Year
REGU_TYPE	char (1)	Regulation Type
DEWAN_NUM	varchar(15)	Given number from Dewan
DEWAN_DATE	Datetime	Date of issue
AGREM_CODE	varchar(5)	Related agreement code
ENFORCE_DATE	Datetime	Enforce date
REGU_AGENCY_NUM	varchar(100)	Number given by agency
AGENCY_ISSUE_DATE	Datetime	Date of issue from the agency side
AGENCY_CODE	varchar(5)	Agency Code
UN_CODE	varchar(6)	Unictad code
REG_ENFORCE_DATE	Datetime	Regime enforce date
REVIEW_DATE	Datetime	Date reviewed
END_DATE	Datetime	Date to become inactive
CTY_EFFECT_TYPE	char(1)	Effect type
REGU_DESCR	Varchar(1000)	Regulation Arabic description
E_REGU_DESCR	Varchar(1000)	Regulation English description
IMAGE_PATH	Varchar(200)	Attached file path
BORD_ACTION	Varchar(500)	The action taken by the board
CONTACT_PERSON	Varchar(500)	Contact person
KEYWORDS	Varchar(200)	Keywords

E_KEYWORDS	varchar(200)	English keywords
REC_STAT	Char(1)	Record status (Active, Inactive)
USER_ID	Int(4)	The ID of the User added or updated the record
TRANSDATE	DATETIME(8)	The date the record modified
STAT	CHAR(1)	The type of the transaction (Delete, Update, Add)
COPIED	Bit	To determine whether the record copied to data base or not yet

Table Name: TMP_RULING_TAB Table Description: Temporary Ruling Table Related to: - Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
CLASS_BODY	char (1)	
ADVICE_NUM	varchar (20)	The number of the ruling
RULE_ISSUE_DATE	Datetime	Rule issue date
RULE_EXPIRE_DATE	Datetime	The date of expiration
INTERP_TYPE	Varchar(20)	The type of the ruling
TRADE_NAME	varchar(200)	Trade name of theHS_CODE that the ruling related to
E_TRADE_NAME	varchar(200)	English trade name
PRODC_DESCR	varchar(1000)	The description of the product
E_PRODC_DESCR	varchar(1000)	English description of the product
MANUFAC_NAME	varchar(200)	The name of the manufacturer
E_MANUFAC_NAME	varchar(200)	The English name of the manufacturer
APPLIC_NAME	varchar(200)	Applicant name
E_APPLIC_NAME	varchar(200)	English applicant name
APPLIC_ADDRES	varchar(200)	Applicant address
E_APPLIC_ADDRES	varchar(200)	English applicant address
APPLIC_TEL	Varchar(20)	Applicant telephone
CUST_DEC_NUM	Varchar(15)	
CUST_DEC_DATE	Datetime	
ATTACHMENT	Varchar(100)	The path of the attached file
CLASS_RATIO	Varchar(1000)	
SUBSCRIBER_ID	Varchar(20)	Subscriber id
HS_CODE	varchar(8)	Harmonized system code
EXTND_CODE	Char(4)	Extended code
COMM_CODE	Char(3)	Commodity code
INTERP_HS	Varchar(200)	The interpretation of the HS_CODE
HS_SUGEST	Varchar(200)	Suggested HS_CODES
COMM_DESCR	Varchar(4000)	Commodity description
APPLIC_EMAIL	Varchar(100)	Applicant e-mail
REQUESTID	Int(4)	Request ID
USER_ID	Int(4)	The id of the user who updated or added the record
TRANSDATE	DATETIME(8)	The date when the record was modified
STAT	CHAR(1)	The status of the record (updated,

		added, deleted)
COPIED	Bit	To determine if the record is copied to the data base or not

Table Name: TMP_TARIFF_TAB		
Table Description: Temporary TARIFF Table		
Related	to:	-
Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
SEC_NUM	char (2)	Section number
CH_NUM	char (2)	Chapter number
HEAD_NUM	char (2)	Header number
SUBH1_NUM	char (1)	First Subheading number
SUBH2_NUM	char (1)	Second subheading number
LOC1_NUM	char (1)	First Local subheading number
LOC2_NUM	char (1)	Second Local subheading number
HS_CODE	varchar(8)	HS_CODE
EXTND_CODE	char(4)	Extended code
COMM_CODE	char(3)	Commodity code
REF_SOURCE_CODE	varchar(3)	Reference source code
HS_DESCR	varchar(1000)	HS description
E_HS_DESCR	varchar(1000)	English description
DUTY_CODE	varchar(5)	Related duty code
STATIC_UNIT1	varchar(3)	First Statistical unit
STATIC_UNIT2	Varchar(3)	Second statistical unit
STATIC_UNIT3	Varchar(3)	Third statistical unit
GAZETT_NUM	Varchar(15)	Gazette number
GAZETT_DATE	Datetime	Gazette issue date
PARENT_KEY	Varchar(17)	Parent key
BEGIN_DATE	Datetime	Date of adding the record
END_DATE	Datetime	The date when the record become inactive
REC_STAT	Char(1)	Status of the record
TRACKABLE	Char(1)	To determine if the record is traceable or not
HS_KEY	Varchar(17)	Sec_num + HS_CODE + EXTND_CODE + COMM_CODE
DUTY_KIND_CODE	Varchar(5)	Duty kind code
LEGAL_NOTES	text (16)	Legal notes
E_LEGAL_NOTES	text (16)	English legal notes
TRANSDATE	Datetime(8)	The date the record added or modified
STAT	CHAR(1)	Transaction status
COPIED	Bit	To determine if the record copied to the data base or not yet

Table Name: TMP_TAXES_TAB
Table Description: Temporary TAXES Table

Related Notes: - For Data Transfer Purposes		
Field Name	Data Type and Size	Field Description
DUTY_CODE	varchar (5)	Duty Code
DUTY_NAME	nvarchar (200)	Duty Name
E_DUTY_NAME	varchar (200)	English Duty Name
DUTY_VALUE	Numeric(5)	Value
DUTY_TYPE	Varchar(2)	Type
DUTY_UNIT	Varchar(3)	Related Unit
CALC_DESCR	Varchar(200)	Calculation Description
E_CALC_DESCR	Varchar(200)	English Calculation Description
UN_CODE	Varchar(6)	Unictad Code
BEGIN_DATE	Datetime	The date of applying the duty
END_DATE	Datetime	The date when the record become inactive
GAZETT_NUM	Varchar(15)	Gazette number
GAZETT_DATE	Datetime	Gazette Issue Date
TRANSDATE	DATETIME(8)	The date when the record where modified
STAT	CHAR(1)	Transaction status (Added, updated, deleted)
COPIED	Bit	To determine if the record copied to data base or not yet

Table Name: TMP_UNIT_TAB Table Description: temporary unit table Related Notes: - For data transfer purposes		
Field Name	Data Type and Size	Field Description
UNIT_CODE	varchar (3)	Unit code
UNIT_DESCR	varchar (100)	Unit Arabic description
E_UNIT_DESCR	varchar (100)	Unit English description
TRANSDATE	DATETIME(8)	The date that the record modified
STAT	CHAR(1)	The status of the transaction (Added, updated, deleted)
COPIED	Bit	To determine if the record copied to the data base or not yet

Section 5.2: Stored Procedures Descriptions

Stored Procedure Name: SP_AddPermission	
Description	Adds a new permission record for the passed workgroup and Form IDs, it will be stored in the Permissions Table
Related Tables	<ul style="list-style-type: none"> Permissions, Workgroups, Forms
Inputs	<ul style="list-style-type: none"> Workgroup ID Form ID Enable Add value

	<ul style="list-style-type: none"> • Enable Update value • Enable Delete value • Enable Use value • Enable Publish Value • User Name
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Error occurred during the execution of the SP • -102: Record Info already exists (same FormID exists for the same Group ID) • -103: Group ID doesn't already exists • -104: Page ID doesn't already exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_EditPermission	
Description	Updates the existing workgroup permissions on the passed From ID
Related Tables	<ul style="list-style-type: none"> • Workgroups, Forms, Permissions
Inputs	<ul style="list-style-type: none"> • Workgroup ID • Form ID • Enable Add value • Enable Update value • Enable Delete value • Enable Use value • Enable Publish value • User Name
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Group ID doesn't already exists • -104: Page ID doesn't already exists • -105: Record doesn't exists
Notes	<ul style="list-style-type: none"> • NONE.

Stored Procedure Name: SP_GetWorkgroupValidOptions	
Description	Returns all the valid menu options for the passed workgroup ID, ordered according to "FormOrder" field
Related Tables	<ul style="list-style-type: none"> • Forms, Permissions, Workgroups
Inputs	<ul style="list-style-type: none"> • Workgroup ID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • If the workgroup were containing the (GrplsSysAdmins =0) then the resulted record set should <u>not</u> contain any record with a FormType=1. (Ignore all the options for the "system admin" workgroup).

Stored Procedure Name: SP_GetWorkgroupPermissions	
Description	Returns the user detailed permissions information (the use, add, update, delete and the publish values) for the passed Form/page ID
Related Tables	<ul style="list-style-type: none"> Forms, Permissions, Workgroups
Inputs	<ul style="list-style-type: none"> Workgroup ID Form/Page ID
Outputs	<ul style="list-style-type: none"> NONE
Return Values	<ul style="list-style-type: none"> 0: success -101: error executing the stored procedure -104: no data found
Notes	<ul style="list-style-type: none"> NONE

Stored Procedure Name: SP_AddWorkgroup	
Description	Add a new workgroup
Related Tables	<ul style="list-style-type: none"> Workgroups
Inputs	<ul style="list-style-type: none"> Workgroup Is System Admin(s) group GroupDesc GroupStatus UserName
Outputs	<ul style="list-style-type: none"> WorkgroupID
Return Values	<ul style="list-style-type: none"> 0: success -101: error executing the stored procedure -102: workgroup name already exists
Notes	<ul style="list-style-type: none"> NONE

Stored Procedure Name: SP_EditWorkgroup	
Description	Updates the required workgroup
Related Tables	<ul style="list-style-type: none"> Workgroups
Inputs	<ul style="list-style-type: none"> WorkgroupID Workgroup Is System Admin(s) group GroupDesc GroupStatus UserName
Outputs	<ul style="list-style-type: none"> NONE
Return Values	<ul style="list-style-type: none"> 0: success -101: error executing the stored procedure -102: workgroup name already exists -103: workgroup ID not found
Notes	<ul style="list-style-type: none"> None.

Stored Procedure Name: SP_DeleteWorkgroup	
Description	Deletes the required workgroup
Related Tables	<ul style="list-style-type: none"> Workgroups
Inputs	<ul style="list-style-type: none"> WorkgroupID

Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: workgroup ID not found
Notes	<ul style="list-style-type: none"> • the system should delete automatically all related Users and Permission values,

Stored Procedure Name: SP_GetWorkgroupInfo	
Description	Returns the required workgroup information
Related Tables	<ul style="list-style-type: none"> • Workgroups
Inputs	<ul style="list-style-type: none"> • WorkgroupID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: workgroup ID not found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListWorkgroups	
Description	Returns all the required occasions
Related Tables	<ul style="list-style-type: none"> • Workgroups
Inputs	<ul style="list-style-type: none"> • Workgroup name • Workgroup status (all, active, inactive)
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_AuthenticateUser	
Description	Authenticate the passed user ID and password
Related Tables	<ul style="list-style-type: none"> • Users,
Inputs	<ul style="list-style-type: none"> • User login ID • Password
Outputs	<ul style="list-style-type: none"> • User ID • Workgroup ID (in order to be stored in a session value) • User Name (in order to be stored in a session value)
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: invalid login id or password • -103: inactive user Account
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ChangePassword	
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Description	Gives the system user the ability to change his own password
Related Tables	<ul style="list-style-type: none"> • Users
Inputs	<ul style="list-style-type: none"> • User ID • Old Password • New password
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: old password is invalid
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_AddUserAcc	
Description	Add a new User account
Related Tables	<ul style="list-style-type: none"> • Users, workgroups
Inputs	<ul style="list-style-type: none"> • Group ID • User Login ID • User Password • User Name • User Email Address • User Status • User Personal Information • User Name
Outputs	<ul style="list-style-type: none"> • UserID
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: User login ID already exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_EditUser	
Description	Updates the required User account
Related Tables	<ul style="list-style-type: none"> • Users, workgroups
Inputs	<ul style="list-style-type: none"> • User ID • Group ID • User Login ID • User Password • User Name • User Email Address • User Status • User Personal Information • User Name
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: user login ID already exists for another user • -103: user ID not found
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_DeleteUser	
Description	Deletes the required user account
Related Tables	<ul style="list-style-type: none"> • Users
Inputs	<ul style="list-style-type: none"> • User ID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: user ID not found
Notes	<ul style="list-style-type: none"> • The main system admin user account (User ID = 1) can't be deleted

Stored Procedure Name: SP_GetUserInfo	
Description	Returns the required user account information
Related Tables	<ul style="list-style-type: none"> • Users
Inputs	<ul style="list-style-type: none"> • User ID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: user ID not found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListUsers	
Description	Returns all the required user accounts
Related Tables	<ul style="list-style-type: none"> • Users, workgroups
Inputs	<ul style="list-style-type: none"> • Group ID • User name • User account status (all, active, inactive)
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListForms	
Description	Returns a list of records from the Forms table
Related Tables	<ul style="list-style-type: none"> • Forms
Inputs	<ul style="list-style-type: none"> • NONE
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • return only the records where the "VisibleStatus = 1" and ordered by the "FormOrder" field

Stored Procedure Name: SP_GetSysParameters	
Description	Returns all the defined system parameters
Related Tables	<ul style="list-style-type: none"> • SysParameters
Inputs	<ul style="list-style-type: none"> • NONE
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_EditSysParameter	
Description	Update the defined system parameters
Related Tables	<ul style="list-style-type: none"> • SysParameters
Inputs	<ul style="list-style-type: none"> • FilesVirPath • FilesOnLinePath • AgreementVirPath • AgreementOnLinePath • RullingVirPath • RullingOnLinePath • RegulationVirPath • RegulationOnlinePath • AnnouncmentVirPath • AnnouncmentOnLinePath • AutomaticActivation • SendEmails • Max. Records Per Page • Max. Pages Count • PagesPos • EventReminderPeriod • Email • EmailServer
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_AddSubscriberAcc	
Description	Add a new Subscriber or register online
Related Tables	<ul style="list-style-type: none"> • Subscribers
Inputs	<ul style="list-style-type: none"> • RegId • FirstName • AFirstName • LastName • ALastName • BusName • ABusName • IndSec • Other • AOther • Username • Password • Address • AAddress • TeleNo • Email • RegSts
Outputs	<ul style="list-style-type: none"> • RegId
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant ID already exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_EditSubscriber	
Description	Update the Subscriber Application
Related Tables	<ul style="list-style-type: none"> • Subscribers
Inputs	<ul style="list-style-type: none"> • RegID • FirstName • AFirstName • LastName • ALastName • BusName • ABusName • IndSec • UserName • Password • Other • AOther • Address • AAddress • TeleNo • email • RegSts
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant ID already exists for another user • -103: Applicant ID not found
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_DeleteSubscriber	
Description	Deletes the required Applicant
Related Tables	<ul style="list-style-type: none"> • Subscribers
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Subscriber ID not found • -104: The Subscriber Has Related Data
Notes	<ul style="list-style-type: none"> • It could be related to other tables so a message should appear to users to assure if related records will be deleted

Stored Procedure Name: SP_GetSubscriberInfo	
Description	Returns the required Applicant information
Related Tables	<ul style="list-style-type: none"> • Subscribers
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Applicant ID not found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListSubscribers	
Description	Returns all the required applicants
Related Tables	<ul style="list-style-type: none"> • Subscribers
Inputs	<ul style="list-style-type: none"> • RegID • FirstName • AFirstName • LastName • ALastName • IndSec • BusName • ABusName • RegSts (all, active, inactive)
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: no data found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_SubscriberLogin	
Description	Get the subscriber profile after successful verification
Related Tables	<ul style="list-style-type: none"> • Subscribers • Agency_Tab
Inputs	<ul style="list-style-type: none"> • RegID • UserName • Password
Outputs	<ul style="list-style-type: none"> • FirstName • AFirstName • Last_Logon_Date • ISOGA
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant ID not found • -103: Applicant Status Is Inactive
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ChangeSubscriberStatus	
Description	Change subscriber status
Related Tables	<ul style="list-style-type: none"> • Subscribers
Inputs	<ul style="list-style-type: none"> • RegID • RegSts
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Applicant Doesn't Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_Change_Subscriber_Password	
Description	Change subscriber's Password
Related Tables	<ul style="list-style-type: none"> • Subscribers • Agency_Tab
Inputs	<ul style="list-style-type: none"> • RegID • OldPassword • NewPassword • ISOGA
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant Doesn't Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_AddSubDtl	
Description	Adds subscriber's details

Related Tables	<ul style="list-style-type: none"> • Subscription
Inputs	<ul style="list-style-type: none"> • RegID • TaFlg • RegFlg • SalesTaxFlg • RuIFlg • TariffFlg
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant ID already exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_EditSubDtl	
Description	Edit subscriber's details
Related Tables	<ul style="list-style-type: none"> • Subscription
Inputs	<ul style="list-style-type: none"> • RegID • TaFlg • RegFlg • SalesTaxFlg • RuIFlg • TariffFlg
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant ID already exists for another user • -103: Applicant ID not found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_DeleteSubDtl	
Description	Deletes subscription details
Related Tables	<ul style="list-style-type: none"> • Subscription
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Applicant ID not found
Notes	<ul style="list-style-type: none"> • It could be related to other tables so a message should appear to users to assure if related records will be deleted

Stored Procedure Name: SP_GetSubDtl	
Description	Returns the subscription details
Related Tables	<ul style="list-style-type: none"> • Subscription
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE

Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Applicant ID not found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_AddSubReg	
Description	Adds subscriber's Regulation details
Related Tables	<ul style="list-style-type: none"> • SubRegu
Inputs	<ul style="list-style-type: none"> • RegID • AGENCY_CODE
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -102: Applicant ID & regulation number already exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_DeleteAllSubReg	
Description	Deletes subscriber's Regulation details
Related Tables	<ul style="list-style-type: none"> • SubRegu
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: Record Doesn't exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListSubReg	
Description	List Selected Regulations by a specific subscriber
Related Tables	<ul style="list-style-type: none"> • SubRegu
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: Record Doesn't exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_AddSubTa	
Description	Adds subscriber Trade agreements details
Related Tables	<ul style="list-style-type: none"> • SubTa
Inputs	<ul style="list-style-type: none"> • RegID

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	<ul style="list-style-type: none">• AGREM_CODE
Outputs	<ul style="list-style-type: none">• NONE
Return Values	<ul style="list-style-type: none">• 0: success• -101: error executing the stored procedure• -102: RegID and AGREM_Code Already exists
Notes	<ul style="list-style-type: none">• NONE

Stored Procedure Name: SP_DeleteAllSubTa	
Description	List Selected Trade Agreements by a specific subscriber
Related Tables	<ul style="list-style-type: none"> • SubTa
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -103: RegID not found
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListSubTa	
Description	Deletes subscriber Trade agreements details
Related Tables	<ul style="list-style-type: none"> • SubTa
Inputs	<ul style="list-style-type: none"> • RegID
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: error executing the stored procedure • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ADDSubTariff	
Description	Adds subscriber Tariff details
Related Tables	<ul style="list-style-type: none"> • SubTariff
Inputs	<ul style="list-style-type: none"> • RegID • HS_Key • Exc_HS_KEYS
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_DeleteSubTariff	
Description	Deletes subscriber Tariff details
Related Tables	<ul style="list-style-type: none"> • SubTariff
Inputs	<ul style="list-style-type: none"> • RegID • Exc_HS_KEY • HS_Keys
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListAgencies	
Description	List agencies
Related Tables	<ul style="list-style-type: none"> • Agency_Tab
Inputs	<ul style="list-style-type: none"> • E_AGENCY_NAME • AGENCY_NAME
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListAgreements	
Description	List Trade Agreements
Related Tables	<ul style="list-style-type: none"> • AGREEMENT_TAB
Inputs	<ul style="list-style-type: none"> • E_AGREM_DESCR • AGREEMENT_DESCR
Outputs	<ul style="list-style-type: none"> • NONE
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_Add_CalssificationReq	
Description	Adds a Classification request by an applicant
Related Tables	<ul style="list-style-type: none"> • Calssification_Request
Inputs	<ul style="list-style-type: none"> • RegID • Fax • ScientificName • TradeName • Producer • Packaging • Manufacturer • Requesttext • Sug_HS • Attachment
Outputs	<ul style="list-style-type: none"> • RequestID
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListIndSectors	
Description	List Business Sectors
Related Tables	<ul style="list-style-type: none"> • Ind_Sector
Inputs	<ul style="list-style-type: none"> • IndSecDesc • IndSecADesc
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_Regulations	
Description	Lists Regulations
Related Tables	<ul style="list-style-type: none"> • AGENCY_TAB • REGULATIONS_TAB
Inputs	<ul style="list-style-type: none"> • AGENCY_CODE • KEYWORDS • DEWAN_DATE_FROM • DEWAN_DATE_TO • REGU_NUM
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_Rulings	
Description	Lists Rulings
Related Tables	<ul style="list-style-type: none"> • RULING_TAB
Inputs	<ul style="list-style-type: none"> • COMM_DESCR • HS_CODE • TRADE_NAME
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_Search	
Description	Lists Trade agreements, regulations, tariff, rulings or taxes
Related Tables	<ul style="list-style-type: none"> • RULING_TAB • Agency_tab • Regulations_Tab • Tariff_Tab • Taxes_Tab • Agreements_Tab
Inputs	<ul style="list-style-type: none"> • Param • DESCR • HS_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • If Param equals: <ul style="list-style-type: none"> 1: Lists Trade Agreements 2: Lists Regulations 3: Lists Tariff 4: Lists Rulings 5: Lists Taxes of (AD) type

Stored Procedure Name: SP_List_Taxes	
Description	Lists Other taxes and duties
Related Tables	<ul style="list-style-type: none"> • Taxes_TAB
Inputs	<ul style="list-style-type: none"> • Duty_name • E_Duty_Name
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • Lists Taxes of (AD) type

Stored Procedure Name: SP_AddAgencyToTopic	
Description	Add the agencies to the related topic
Related Tables	<ul style="list-style-type: none"> • TopicOGA
Inputs	<ul style="list-style-type: none"> • Postid • AGENCY_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_DeleteAgencyToTopic	
Description	Deletes the Agency to the related topic
Related Tables	<ul style="list-style-type: none"> • TopicOGA
Inputs	<ul style="list-style-type: none"> • Postid • AGENCY_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: Record does not exist
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_DeleteAgencyReplies	
Description	Deletes the replies of the agency to the related topic
Related Tables	<ul style="list-style-type: none"> • Reply
Inputs	<ul style="list-style-type: none"> • PostID • AGENCY_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: Record does not exist
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_AddAuditTrail	
Description	Adds the subscribers selection in the Audit Trail
Related Tables	<ul style="list-style-type: none"> • AuditTrial
Inputs	<ul style="list-style-type: none"> • UserID • HS_Key
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_AddTopic	
Description	Adds a Topic
Related Tables	<ul style="list-style-type: none"> • NewTopic
Inputs	<ul style="list-style-type: none"> • AGENCY_CODE • Subject • Message • PostIDA
Outputs	<ul style="list-style-type: none"> • PostID
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -102: Duplication in the Topic Subject
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_EditTopic	
Description	Edit a Topic
Related Tables	<ul style="list-style-type: none"> • newTopic
Inputs	<ul style="list-style-type: none"> • PostID • Subject • Message • PostIDA
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -102: Duplication in the Topic Subject
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_DeleteTopic	
Description	Deletes Topic
Related Tables	<ul style="list-style-type: none"> • newTopic
Inputs	<ul style="list-style-type: none"> • PostID
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success

	<ul style="list-style-type: none"> -101: Internal Error -103: record doesn't exists
Notes	<ul style="list-style-type: none"> None

Stored Procedure Name: SP_GetTopic	
Description	Gets Topic
Related Tables	<ul style="list-style-type: none"> newTopic
Inputs	<ul style="list-style-type: none"> PostID
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> 0: success -101: Internal Error -103: Record does not exist
Notes	<ul style="list-style-type: none"> NONE

Stored Procedure Name: SP_ListTopics	
Description	Lists Topics
Related Tables	<ul style="list-style-type: none"> newTopic
Inputs	<ul style="list-style-type: none"> AGENCY_CODE Subject PostDate
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> 0: success -101: Internal Error -104: No Data Exists
Notes	<ul style="list-style-type: none"> NONE

Stored Procedure Name: SP_AddReply	
Description	Adds replies
Related Tables	<ul style="list-style-type: none"> Reply
Inputs	<ul style="list-style-type: none"> AGENCY_CODE Message Postid ReplyIDA
Outputs	<ul style="list-style-type: none"> ReplyID
Return Values	<ul style="list-style-type: none"> 0: success -101: Internal Error
Notes	<ul style="list-style-type: none"> None

Stored Procedure Name: SP_EditReply	
Description	Edits replies

Related Tables	<ul style="list-style-type: none"> • Reply
Inputs	<ul style="list-style-type: none"> • ReplyID • Message • ReplyIDA
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_DeleteReply	
Description	Deletes replies
Related Tables	<ul style="list-style-type: none"> • Reply
Inputs	<ul style="list-style-type: none"> • ReplyID
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_GetReply	
Description	Gets replies
Related Tables	<ul style="list-style-type: none"> • Reply
Inputs	<ul style="list-style-type: none"> • ReplyID
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_ListReplies	
Description	Lists Replies
Related Tables	<ul style="list-style-type: none"> • Reply
Inputs	<ul style="list-style-type: none"> • PostID
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_GetAgreementInfo	
Description	Gets Agreements Information – details
Related Tables	<ul style="list-style-type: none"> • AGREEMENT_TAB_VIEW
Inputs	<ul style="list-style-type: none"> • HS_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_GetRullingInfo	
Description	Gets Rulings Information
Related Tables	<ul style="list-style-type: none"> • RULING_TAB
Inputs	<ul style="list-style-type: none"> • HS_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_GetTariffInfo	
Description	Gets Tariff Information
Related Tables	<ul style="list-style-type: none"> • TARIFF_TAB
Inputs	<ul style="list-style-type: none"> • HS_KEY
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_GetTariffPosition_Info	
Description	Gets Tariff Information when the Tariff item is a Tariff Position
Related Tables	<ul style="list-style-type: none"> • TARIFF_TAB
Inputs	<ul style="list-style-type: none"> • HS_KEY
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -103: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_List_HS_Taxes	
Description	Lists The taxes that are related to a specific HS_CODE
Related Tables	<ul style="list-style-type: none"> • Taxes_Tab • HS_Taxes_Tab • Unit_Tab
Inputs	<ul style="list-style-type: none"> • HS_CODE • COMM_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_List_Taxes	
Description	List The taxes
Related Tables	<ul style="list-style-type: none"> • Taxes_Tab • Unit_Tab
Inputs	<ul style="list-style-type: none"> • DUTY_NAME • E_DUTY_NAME • DUTY_UNIT
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • Returns the taxes of type "AD"

Stored Procedure Name: SP_ListAgencies	
Description	Lists The OGA's (Other governmental agencies)
Related Tables	<ul style="list-style-type: none"> • AGENCY_TAB
Inputs	<ul style="list-style-type: none"> • E_Agency_NAME • Agency_NAME
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • The following agency codes not included in the result set ('00016','00017','00018','00019','00020','00026','00038','00049')

Stored Procedure Name: SP_ListAgreements	
Description	Lists agreements
Related Tables	<ul style="list-style-type: none"> • AGREEMENT_TAB
Inputs	<ul style="list-style-type: none"> • E_AGREM_DESCR • AGREEMENT_TAB
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListAuditEvents	
Description	Lists the records of the Audit Trail table
Related Tables	<ul style="list-style-type: none"> • AuditTrail • Tariff_tab
Inputs	<ul style="list-style-type: none"> • EventDate_FROM • EventDate_TO
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListChilds	
Description	Lists the items under a specific node of the tariff table
Related Tables	<ul style="list-style-type: none"> • Tariff_tab • SubTariff • Taxes_tab • Ruling_tab • Regu_HS_Tab
Inputs	<ul style="list-style-type: none"> • RegID

	<ul style="list-style-type: none"> • sec_num • hs_code • sys_date
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • The Sp returns the selected nodes in the tariff tree, the number of the regulations related to that node, gives an indicator if the node has children and if there are rulings related to that node.

Stored Procedure Name: SP_ListComms	
Description	Lists commodities that lies under a specific tariff position, or gets the details of a commodity
Related Tables	<ul style="list-style-type: none"> • TARIFF_TAB • TAXES_TAB • UNIT_TAB • Ruling_tab • Regu_HS_Tab
Inputs	<ul style="list-style-type: none"> • HS_CODE • COMM_CODE
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListParents	
Description	Get the parent and the grandparents of an item in the tariff tab
Related Tables	<ul style="list-style-type: none"> • TARIFF_TAB
Inputs	<ul style="list-style-type: none"> • HS_Key
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: record doesn't exists
Notes	<ul style="list-style-type: none"> • NONE

Stored Procedure Name: SP_ListPermissions	
Description	List all the defined Forms and their detailed permissions for a specific workgroup
Related Tables	<ul style="list-style-type: none"> • Permissions • Workgroups
Inputs	<ul style="list-style-type: none"> • GroupID • FormID

Outputs	<ul style="list-style-type: none"> NoOfRecords
Return Values	<ul style="list-style-type: none"> 0: success -101: Internal Error -104: record doesn't exists
Notes	<ul style="list-style-type: none"> NONE

Stored Procedure Name: SP_ListSec	
Description	Lists the sections in the tariff tab
Related Tables	<ul style="list-style-type: none"> Tariff_tab SubTariff
Inputs	<ul style="list-style-type: none"> RegID sys_date
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> 0: success -101: Internal Error -104: record doesn't exists
Notes	<ul style="list-style-type: none"> NONE

Stored Procedure Name: SP_ListTopicRelatedAgencies	
Description	Lists agencies
Related Tables	<ul style="list-style-type: none"> TopicOGA AGENCY_TAB
Inputs	<ul style="list-style-type: none"> GETType TopicID
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> 0: success -101: Internal Error -104: record doesn't exists
Notes	<ul style="list-style-type: none"> The SP returns selected agencies for a topic if the GetType equals "1" And returns the unselected agencies if the GetType is equal to "0"

Stored Procedure Name: SP_Sec_selected	
Description	Returns the number of the selected items that contains a specific section Number
Related Tables	<ul style="list-style-type: none"> Subtariff
Inputs	<ul style="list-style-type: none"> RegID Sec_Num
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> None
Notes	<ul style="list-style-type: none"> None

Stored Procedure Name: SP_TreeListChilds	
Description	Lists the children of an item in the tariff tab

Related Tables	<ul style="list-style-type: none"> • Tariff_tab • SubTariff • Taxes_tab • Ruling_tab • Regu_HS_Tab
Inputs	<ul style="list-style-type: none"> • RegID • Sec_Num • HS_CODE • Sys_Date
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • 0: success • -101: Internal Error • -104: No Data Found
Notes	<ul style="list-style-type: none"> • None

Section 6: System Object Model

In this section the object model “the Business roles layer (the middle tier layer)” is listed and described.

The next sections describe each business object/Classes in details.

Section 6.1: DBConn Class

This class will be responsible for all the direct Database operations, such as opening the connection to the requested database, read the configuration file/setting file to get the necessary information to establish the connection, etc.

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
ReadConfigFile [Private Method]	NONE	This "Private" method will be responsible for accessing/reading the system configuration file, this file is called (CITS_Config.inc) and should always exist in the windows/System32 folder. This file contains the following information: <ul style="list-style-type: none"> • Server (Server Name): the database engine server name • Initial Catalog (DB Name): the database name • Uid (User ID): the database level authorized user ID • Pwd (Password): password required for the authorized user ID
OpenConn [Private Method]	NONE	"Private" method accessed from the "ExecuteSP" method. It opens the connection to the Database
SetSpParameters	<ul style="list-style-type: none"> • Parameter Type (either as Return, Input or Output) • Parameter datatype • Paramter Value 	Determine the input and output parameters that need to be passed to the desired Stored Procedure

ExecuteSP	<ul style="list-style-type: none"> • SP name • SP Return type "T" to return datasets, "F" otherwise 	This method executes the desired SP after setting the SP inputs and outputs parameters using the " SetSpParameters" method
GetOutputValue	<ul style="list-style-type: none"> • Output parameter index 	Gives the front end the ability to retrieve and get any <u>output</u> value from the latest executed stored procedure
GetReturnValue	NONE	Gives the front end the ability to retrieve the <u>return</u> value from the latest executed stored procedure
GetErrorCode	NONE	Returns the Error <u>Code</u> produced after executing the Stored Procedure
GetErrorMessage	NONE	Returns the Error <u>message</u> description produced after executing the Stored Procedure
CloseConn [Private Method]	NONE	This "Private" method closes the opened connection and should be called at the end of the "ExecuteSP" method

Note: this class considered a Private class; which means that it can only be used or called by the other classes defined in the same object model (DLL), the reason behind this is just to encapsulate all the database internal/direct operations in one place.

All the following classes use the “DBConn” class as a gate to execute the necessary stored procedures and get their outputs in case of successful execution OR the error codes/messages in case of failure.

Section 6.2: Workgroup Class

This class will be responsible for all the processes related to the workgroups, such as adding a new workgroup, update existing workgroup, etc. The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
Add_WorkGroup	<ul style="list-style-type: none"> • Workgroup name • Workgroup status • Workgroup Type • User name 	This method will pass the proper inputs or information to the desired stored procedure in order to define a new workgroup
Edit_Workgroup	<ul style="list-style-type: none"> • Workgroup ID • Workgroup name • Workgroup status • Workgroup Type • User Name 	This method will pass the proper inputs or information to the desired stored procedure in order to update the current information for the desired workgroup
Delete_Workgroup	<ul style="list-style-type: none"> • Workgroup ID 	Passes the desired workgroup ID to the proper stored procedure in order to delete that workgroup from the database.
Get_Workgroup	<ul style="list-style-type: none"> • Workgroup ID 	Returns a data set (a group of fields) that contains all the necessary information which is

		related to the required workgroup ID.
List_Workgroup	<ul style="list-style-type: none"> • Workgroup Description • Workgroup status 	Returns a data set (a group of records) that contains all the workgroups that match's the search criteria requested by the user.
Add_WgroupPermission	<ul style="list-style-type: none"> • Workgroup ID • Form ID • "Add" value • "Update" value • "Delete" value • "Use" value • "Publish" value • User Name 	This method is used to Add new Permission values to all the users belonging to the desired workgroup
Edit_WgroupPermission	<ul style="list-style-type: none"> • Workgroup ID • Form ID • "Add" value • "Update" value • "Delete" value • "Use" value • "Publish" value • User Name 	This method is used to update the assigned permissions to all the users belonging to the desired workgroup
Get_WgroupValidOptions	<ul style="list-style-type: none"> • Workgroup ID 	Returns a data set (a group of fields) that contains all the menu valid options (the options which have the "Use" permission) for the current user/workgroup, in order to build the menu assigned options.
Get_WgroupDetailedPermissions	<ul style="list-style-type: none"> • Workgroup ID • Form ID 	Returns a data set (a group of fields) that contains all the permission settings, (use, add, edit, delete and publish) and the modules to which these permissions have been assigned
List_Permissions	<ul style="list-style-type: none"> • Workgroup ID • Form ID 	Returns a data set (a group of fields) that contains all the permission settings (use, add, edit, delete and publish) for the feature/Form requested by the user

Section 6.3: UserAccount Class

This class will be responsible for all the processes related to the system defined user accounts, such as defining a new user account, update existing user account, etc. The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
Add_User	<ul style="list-style-type: none"> • Workgroup ID • Login ID 	This method will pass the proper inputs or information to the desired

	<ul style="list-style-type: none"> • Password • User real Name • Email • Status • Personal Info. • Entry User name 	stored procedure in order to define a new user account
Edit_User	<ul style="list-style-type: none"> • User ID • Workgroup ID • Login ID • Password • User real Name • Email • Status • Personal Info • Entry User name 	This method will pass the proper inputs or information to the desired stored procedure in order to update the current information for the desired user account
Delete_User	<ul style="list-style-type: none"> • User ID 	Passes the desired user account ID to the proper stored procedure in order to delete that user account from the database.
Get_User	<ul style="list-style-type: none"> • User ID 	Returns a data set (a group of fields) that contains all the necessary information which is related to the required user account ID.
List_Users	<ul style="list-style-type: none"> • Workgroup ID • User real Name • Status 	Returns a data set (a group of records) that contains all the users' accounts that match's the search criteria requested by the user.
Authenticate_User	<ul style="list-style-type: none"> • Login ID • Password 	Passes the login ID & password to be authenticated against the user accounts repository
Change_Password	<ul style="list-style-type: none"> • User ID • Old Password • New Password 	Gives the system administrator(s) the ability to change his own password
SP_GetUserValidOptions	<ul style="list-style-type: none"> • Workgroup ID 	Returns a data set (a group of records) that contains the forms that the user allowed to access upon his workgroup ID
Get_UserPermissions	<ul style="list-style-type: none"> • Workgroup ID • Form ID 	Returns if a User allowed to access a specific Form upon the group that he belongs to

Section 6.4: Registration Class

This class will be responsible for all the processes related to the Registration, such as adding a new applicant, update existing applicant, etc. The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
Add_Subscriber	<ul style="list-style-type: none"> • Subscriber First name • Subscriber Last Name • Email address • Business name 	This method will pass the proper inputs or information to the desired stored procedure in order to define a new applicant

	<ul style="list-style-type: none"> • Address • Telephone number • Industry sector • Other • User name • Password • Status 	
Edit_Subscriber	<ul style="list-style-type: none"> • Subscriber ID • Subscriber First name • Subscriber Last Name • Email address • Business name • Address • Telephone number • Industry sector • Other • User name • Password • Status 	This method will pass the proper inputs or information to the desired stored procedure in order to update the current information for the desired applicant or update profile
Delete_Subscriber	<ul style="list-style-type: none"> • Subscriber ID 	Passes the desired applicant ID to the proper stored procedure in order to delete that an applicant from the database.
Get_Subscriber	<ul style="list-style-type: none"> • Subscriber ID 	Returns a data set (a group of fields) that contains all the necessary information, which is related to the required Applicant ID.
List_Subscribers	<ul style="list-style-type: none"> • First name • Last name • Industry Sector • Status 	Returns a data set (a group of records) that contains all the categories that match the search criteria requested by the user.
SubscriberLogin	<ul style="list-style-type: none"> • User Name • Password 	This Method Will Check if the subscriber exists, if yes then it will check if the user name and password are correct successful authentication to the site
ChangeSubscriberStatus	<ul style="list-style-type: none"> • Subscriber ID • Status 	Passes the desired subscriber ID and New Status to the proper stored procedure in order to change a subscriber status (Active, Inactive).
ChangePassword	<ul style="list-style-type: none"> • Subscriber ID • Current Password • New Password • Is OGA 	This method enables the subscriber to change his current password.

Section 6.5: SysUtilities Class

This class will be responsible for all the processes related to the system settings and any related features, such as retrieving the system parameters, list all menu options, etc. The following table summarizes the methods included within this class:

Method Name	Method Parameters	Description
Get_SystemParamters	NONE	Returns a data set (a group of fields) that contains all the predefined system parameters in

		order to give the system admin(s) the ability to change their values.
Edit_SystemParamters	NONE	Update the entire system parameters with the system admin(s) new values.
List_Forms	NONE	This method is responsible for retrieving all the forms (menu options) properties in order to be used to construct the permissions page.

Section 6.6: Agencies Class

This class will be responsible for all the process related to agencies table

Method Name	Method Parameters	Description
List_Agencies	<ul style="list-style-type: none"> Subscriber Name Hs_Key 	This method is responsible for Adding a new records in the audit trail table this done by passing the subscriber name and the Hs_key that.
List_AuditEvents	<ul style="list-style-type: none"> Event Date From Event Date To 	Returns a data set (a group of records) that contains all the actions submitted by the subscriber that match's the search criteria requested by the user.

Section 6.7: Agreements Class

This class will be responsible for all the process related to Agreements table

Method Name	Method Parameters	Description
List_Agreements	Agreement Description	This method is responsible for retrieving all the Agreements.

Section 6.8: Audit Trail Class

This class will be responsible for all the process that's deals with the audit trail table

Method Name	Method Parameters	Description
Add_Audit	<ul style="list-style-type: none"> Subscriber Name HS_Key 	This method is responsible for Adding a new record in the audit trail table; passing the subscriber name and the Hs_key does this.
List_AuditEvents	<ul style="list-style-type: none"> Event Date From Event Date To 	Returns a data set (a group of records) that contains all the actions submitted by the subscriber that match's the search criteria requested by the user.

Section 6.9: Classification Request Class

This class will be responsible for all the process that's deals with the Classification Request table

Method Name	Method Parameters	Description
Add_ClassificationRequest	<ul style="list-style-type: none"> Subscriber ID Fax 	This method is responsible for Adding a new record in the Classification Request

	<ul style="list-style-type: none"> • Scientific Name • Trade Name • Producer • Packaging • Manufacturer • Request Body • Suggested HS_CODES • Attachment 	table according to the parameters that's passed to it.
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Section 6.10: Forum Class

This class will be responsible for all the process that's deals with the Discussion Forums; as adding new topic, editing a topic, list replies etc.

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
Add_Topic	<ul style="list-style-type: none"> • Agency Code • Subject • Body 	This method is responsible for Adding a new discussion Topic.
Add_Reply	<ul style="list-style-type: none"> • Agency Code • Body • Topic ID 	This method is responsible for adding a new reply for a specific topic by passing the topic ID to the targeted SP.
Edit_Topic	<ul style="list-style-type: none"> • Topic ID • Subject • Body 	This method is responsible for Updating a Topic that already has been added, by passing the Id of that topic to the targeted Stored Procedure with the subject and the body of the Topic.
Edit_Reply	<ul style="list-style-type: none"> • Reply ID • Body 	This method is responsible for Updating a Reply that already has been added by passing the Id of the reply to the targeted Stored Procedure with the subject and the body of the reply.
Get_Topic	<ul style="list-style-type: none"> • Topic ID 	Returns all the information about the topic by passing the ID to the Stored Procedure
Get_Reply	<ul style="list-style-type: none"> • Reply ID 	Returns all the information about the Reply by passing the ID to the Stored Procedure
List_Topics	<ul style="list-style-type: none"> • Agency Code • Subject • Post Date 	Returns a data set (a group of records) that contains all topics and its related information according to the criteria provided by the subscriber.
List_Replies	<ul style="list-style-type: none"> • Topic ID 	Returns a data set (a group of records) that contains all Replies on a specific Topic.

Delete_Topic	<ul style="list-style-type: none"> • Topic ID 	This method is responsible for removing a topic from the database by passing the topic id to the Delete topic stored procedure.
Delete_Reply	<ul style="list-style-type: none"> • Reply ID 	This method is responsible for removing a Reply from the database by passing the Reply id to the Delete Reply stored procedure.
Add_TopicAgencies	<ul style="list-style-type: none"> • Topic ID • Agency Code 	This method specifies which agencies will receive e-mail about the topic and who will be able to view that Topic.
Delete_TopicAgencies	<ul style="list-style-type: none"> • Topic ID • Agency Code 	This method is responsible for removing an agency code from the participating agencies.
List_TopicRelatedAgencies	<ul style="list-style-type: none"> • Type • Topic ID 	Lists the selected and unselected agencies to view a topic by determining the type if "1" then it lists all the selected agencies to view a topic, if "0" then it returns the unselected agencies.
Delete_Agency_Replies	<ul style="list-style-type: none"> • Topic ID • Agency Code 	Remove a reply that has been submitted by an agency for a specific topic.

Section 6.11: IndSector Class

This class will be responsible for all the process that deals with the industry Sectors (adding, edit, list, etc).

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
Add_IndSector	<ul style="list-style-type: none"> • Sector Description 	This method is responsible for Adding a new industrial sector.
Edit_IndSector	<ul style="list-style-type: none"> • Sector ID • Sector Description 	This method is responsible for Updating the information of the sector by passing the ID to the related SP.
Delete_IndSector	<ul style="list-style-type: none"> • Sector ID 	The user will be able to delete an industrial sector, By passing the ID of a specific sector to the deletion stored procedure
Get_IndSector	<ul style="list-style-type: none"> • Sector ID 	This method returns all the information about a specific sector by passing the

		sector id to the related stored procedure
List_IndSectors	<ul style="list-style-type: none"> • Sector Description 	Returns a data set (a group of records) that contains all industrial sectors according to the criteria provided by the user.

Section 6.12: Ruling Class

This class will be responsible for all the process that deals with the ruling in the database.

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
List_Rulings	<ul style="list-style-type: none"> • Commodity description • Hs_Code • Trade name 	Returns a data set (a group of records) that contains all rulings upon the criteria that the user sends to the method.

Section 6.13: Regulation Class

This class will be responsible for all the processes that deal with the regulations in the database.

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
List_Regulations	<ul style="list-style-type: none"> • Agency Code • KEYWORDS • From Date (Dewan issue date) • To Date (Dewan issue date) • Regulation Number 	Returns a data set (a group of records) that contains all Regulations upon the criteria that the user sends.

Section 6.14: Search Class

This class will be responsible listing rulings, regulations, other taxes and duties and tariff items depending on a parameter sent by the system.

Method Name	Method Parameters	Description
Search	<ul style="list-style-type: none"> • Param • Description • HS_code 	Returns a data set (a group of records) that contains all Regulations, agreements, rulings, duties or tariff items upon the criteria that the user specify, the parameter specifies which data the user is requesting.

Section 6.15: Subscription Class

This class will be responsible for all the processes related to the subscription issues.

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
Add_SubDtl	<ul style="list-style-type: none"> • Subscriber ID • Agreements flag • Regulations flag • Rulings flag • Taxes flag • Tariff flag 	This method is responsible for adding a new subscription detail. In which the user decides to be notified of any amendment
Edit_SubDtl	<ul style="list-style-type: none"> • Subscriber ID • Agreements flag • Regulations flag • Rulings flag • Taxes flag • Tariff flag 	This method is responsible of updating the subscription details.
Delete_SubDtl	<ul style="list-style-type: none"> • Subscriber ID 	This method is responsible of deleting the subscription details.
Get_SubDtl	<ul style="list-style-type: none"> • Subscriber Id 	This method is responsible of returning the selected items by the subscriber to display his selection in the subscription details pages.
Add_SubReg	<ul style="list-style-type: none"> • Subscriber ID • Agency Code 	Using this method enables the user to add selected agencies regulations to the list.
Delete_AllSubReg	<ul style="list-style-type: none"> • Subscriber ID 	This method is to remove all the records that are related to a subscriber from the sub_regu table.
List_SubReg	<ul style="list-style-type: none"> • Subscriber ID 	This method returns a data set that lists all the selected agencies that the user has selected in order to be notified about.
Add_SubTa	<ul style="list-style-type: none"> • Subscriber ID • Agreement Code 	This method is to add a new record to Sub_TA table where it will contain the Subscriber ID and the agreement code that the user wishes to be notified about in case of amendment.

Delete_AllSubTa	<ul style="list-style-type: none"> Subscriber ID 	This method is to remove all the records that are related to a subscriber from the Sub_TA table.
List_SubTa	<ul style="list-style-type: none"> Subscriber ID 	This method returns a data set that lists all the selected agreements by a specific subscriber.
Add_SubTariff	<ul style="list-style-type: none"> Subscriber ID HS Codes Excluded HS Code 	This method adds the desired hs_codes that the subscriber wants to be notified about in case of amendment.
Delete_SubTariff	<ul style="list-style-type: none"> Subscriber ID HS Codes Excluded HS Codes 	This method is to delete the hs_codes the subscriber unchecked from the tree in the subscription details page.

Section 6.16: Tax Class

This class will be responsible listing the other taxes and duties depending on a parameter sent by the system.

Method Name	Method Parameters	Description
List_Taxes	<ul style="list-style-type: none"> Duty Description Duty Unit 	Returns a data set (a group of records) that contains all taxes, or the taxes that the subscriber specify by the criteria that is passed to the method

Section 6.17: Tariff Class

This class will be responsible for all the processes that will deal with the tariff items in the tariff_tab table.

The following table summarizes the methods included within this class

Method Name	Method Parameters	Description
List_Sections	<ul style="list-style-type: none"> Subscriber ID System Date 	Returns a data set (a group of records) that contains all the sections in the tariff tab, and also the subscriber id is sent incase we need to retrieve the notification of amendments.

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Tree_List_Childs	<ul style="list-style-type: none"> • HS_Code • Subscriber ID • Section number • System date 	Returns a data set that contains the child of an item in the tariff table, this method is used for the tree in the tariff page.
List_Childs	<ul style="list-style-type: none"> • HS_Code • Subscriber ID • Section number • System date 	Returns a data set that contains the child of an item in the tariff table that the user requested.
List_Comms	<ul style="list-style-type: none"> • Hs code • Commodity code 	Returns a data set that contains the commodities of a tariff position. By Sending the Commodity code to the method it will return only one commodity and the information related to that commodity.
List_HS_Taxes	<ul style="list-style-type: none"> • HS code • Commodity Code 	Returns a data set of the taxes that are related to a tariff position or a commodity.
List_Parents	<ul style="list-style-type: none"> • HS key 	Returns the parent and the grandparents of an item in the tariff table.
Get_TariffPositionInfo	<ul style="list-style-type: none"> • Hs key 	This method returns the information of an item that is a tariff position, when the user clicks on a node in the tree at the tariff page.
Get_TariffInfo	<ul style="list-style-type: none"> • Hs Key 	This method returns the information of an item that isn't a tariff position when the user clicks on a node in the tree at the tariff page.
GetRullingInfo	<ul style="list-style-type: none"> • HS Code 	Returns a data set that contains all the rulings that are related to an HS_Code.
GetRegulationInfo	<ul style="list-style-type: none"> • HS Key 	Returns all the regulations that are related to an item in the tariff table.
GetAgreementInfo	<ul style="list-style-type: none"> • HS_Code 	Returns a data set that contains all the trade agreements that are related to a specific HS_Code.
Section_Selected	<ul style="list-style-type: none"> • Subscriber ID • Section Number 	This method is to give an indication if the item under a specific section number, is selected by a subscriber.

Section 7: Hosting Specifications

CNS will host the web application and the database on their US based servers.

As for the internal application the customs will host the application and the database in the JCD servers locally.

Section 7.1: Data Transfer

Because CNS offers only hosting for Microsoft products data will be transferred from Oracle to SQL server. A job will be created on the CNS SQL server whereby using the DTS (data transformation services) data will be transferred from ORACLE to the SQL.

The database will be created and cloned into the SQL server for the first time and will be uploaded online. The Job will be developed whereby it will check the internal application database for changes in the records and upload only those changes if occur.

The DTS will connect to the ORACLE database by using the ORACLE OLEDB Driver as this is the only provider that handles the large objects such as the CLOB and BLOB data types.

Only the live data and active one will be transferred as the function will check the end date for each record = null and the end date > the system date. (The design document will contain all procedures for data transfer when the integration begins).

The same goes for the advanced ruling and registered users whereby the SQL server will copy all new applicants and rulings into the JCD ORACLE server.

As for the web application it will be developed using .NET and the connection will be to SQL server without connecting to the ORACLE.

Section 7.2: Documents Transfer

FTP (file transfer protocol) will be used to move documents backward and forward between the internal and web application.

Only documents for the active data will be uploaded online at CNS servers whereby those documents will reside in different folders at the customs local server (regulations will contain two folders one for the history and the other for the active one and this applies to all modules that contain scanned images and documents).

The FTP Job will be developed as to synchronize the local folder and the online one. This means that each document added, deleted or updated in the local server will be affected in the CNS online folder. The online folders will be a copy and mirror as the local ones which will save the storage area.

This will also apply on the advance rulings section scanned images as the online images folder will be the master and the local JCD server will contain the mirrored one.

For the sake of providing the best services for public users maximum attached document size will be limited for the advanced ruling to 5.0 MB.

Section 7.3: Email Notification

The public interface will be responsible for sending the email notification to CITS subscribers; this will be achieved on a job basis on CNS servers whereby this job will check if there are any updates occur at the CITS internal and local database. If yes the job will check all those updates and send them to all subscribers.

The CNS e-mail server will be responsible to send those emails.

Stored Procedure Name: SP_Email_Body_TAXES	
Description	To create the email body for the taxes e-mail that will be sent to the subscribers
Related Tables	<ul style="list-style-type: none">• tmp_TAXES_TAB
Inputs	<ul style="list-style-type: none">• File Path
Outputs	<ul style="list-style-type: none">• None
Return Values	<ul style="list-style-type: none">• None
Notes	<ul style="list-style-type: none">• None

Stored Procedure Name: SP_Notify_By_Email	
Description	To create the email body that will be sent to the subscribers
Related Tables	<ul style="list-style-type: none">• None
Inputs	<ul style="list-style-type: none">• None
Outputs	<ul style="list-style-type: none">• None
Return Values	<ul style="list-style-type: none">• None
Notes	<ul style="list-style-type: none">• Calls all the SP's responsible for creating the e-mail body, the html file that will be sent and sending the e-mail

Stored Procedure Name: sp_DeleteFile	
Description	To Delete the html file that has been created after the mail is sent
Related Tables	<ul style="list-style-type: none"> • None
Inputs	<ul style="list-style-type: none"> • File path
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_Email_Body_AGREEMENTS	
Description	To create the e-mail containing agreements
Related Tables	<ul style="list-style-type: none"> • tmp_AGREEMENT_TAB • SubTa
Inputs	<ul style="list-style-type: none"> • Subscriber ID • File path
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • Record Set
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_Email_Body_REGULATIONS	
Description	To create the e-mail containing Regulations
Related Tables	<ul style="list-style-type: none"> • tmp_Regulation_TAB • SubRegu
Inputs	<ul style="list-style-type: none"> • Subscriber ID • File path
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • Record Set
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_Email_Body_RULING	
Description	To create the e-mail containing Ruling
Related Tables	<ul style="list-style-type: none"> • tmp_RULING_TAB
Inputs	<ul style="list-style-type: none"> • File path
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • Record Set
Notes	<ul style="list-style-type: none"> • None

Stored Procedure Name: SP_Email_Body_TARIFF	
Description	To create the e-mail containing Tariff
Related Tables	<ul style="list-style-type: none"> • tmp_TARIFF_TAB • SubTariff
Inputs	<ul style="list-style-type: none"> • File path

	<ul style="list-style-type: none"> Subscriber ID
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> Record Set
Notes	<ul style="list-style-type: none"> None

Stored Procedure Name: sp_GenerateFileName	
Description	To create the html file that will be sent to the subscribers
Related Tables	<ul style="list-style-type: none"> None
Inputs	<ul style="list-style-type: none"> None
Outputs	<ul style="list-style-type: none"> File Path
Return Values	<ul style="list-style-type: none"> Record Set
Notes	<ul style="list-style-type: none"> None

Stored Procedure Name: sp_SMTPMail	
Description	Send an email using an SMTP Mailer COM Component
Related Tables	<ul style="list-style-type: none"> None
Inputs	<ul style="list-style-type: none"> Sender Address Recipient Address E-mail Subject E-mail Body Attached File Mail Server
Outputs	<ul style="list-style-type: none"> None
Return Values	<ul style="list-style-type: none"> None
Notes	<ul style="list-style-type: none"> None

Stored Procedure Name: sp_WriteOnTextFile	
Description	To write on the file that will be sent to the subscriber
Related Tables	<ul style="list-style-type: none">• None
Inputs	<ul style="list-style-type: none">• File Path• Text line
Outputs	<ul style="list-style-type: none">• None
Return Values	<ul style="list-style-type: none">• None
Notes	<ul style="list-style-type: none">• None

Section 7.4: Servers

The customs will host the internal application on their servers locally at the JCD. Transferring between JCD and CNS servers will be using the JCD new lease line (256) dedicated only to the web services.

The JCD servers are ready and contain the ORACLE database in addition to the operating system.

CNS web and database server is ready and as mentioned reside in the United States as follows:

CPU: Pentium 4 2.0 GHz

RAM: 2 GB ECC

Hard drives: 2 32 GB SCSI Hard drives

Tape Backup: DDS 3 12/24 GB Tape Drive

Operating System Windows 2000 SP4

Network Security: Running IP Sec Policy that closes all non-used TCP and UDP ports.

Internet connectivity: Multiple OC 12 and OC 3 rings

Section 8: Transferring data between the Oracle and the SQL server Database

Stored Procedure Name: job_tmp_RELATED_RULING_TAB	
Description	Copies the records from tmp_related_ruling table into related_ruling_tab table
Related Tables	<ul style="list-style-type: none">• Tmp_related_ruling_tab• Related_ruling_tab
Inputs	<ul style="list-style-type: none">• None
Outputs	<ul style="list-style-type: none">• None
Return Values	<ul style="list-style-type: none">• None
Notes	<ul style="list-style-type: none">• After copying the records into related_ruling_tab table all of the records will be deleted from the temporary table

Stored Procedure Name: job_tmp_RULING_SECURITY_TA	
Description	Copies the records from tmp_RULING_SECURITY_TAB table into the RULING_SECURITY_TAB table
Related Tables	<ul style="list-style-type: none">• tmp_RULING_SECURITY_TAB• RULING_SECURITY_TAB
Inputs	<ul style="list-style-type: none">• None
Outputs	<ul style="list-style-type: none">• None
Return Values	<ul style="list-style-type: none">• None

Notes	<ul style="list-style-type: none">• After copying the record to the RULING_SECURITY_TAB table they will be deleted from the temporary table
--------------	---

Stored Procedure Name: job_tmp_RULING_TAB	
Description	Copies the records from tmp_RULING_TAB table into the RULING_TAB table
Related Tables	<ul style="list-style-type: none">• tmp_RULING_TAB• RULING_TAB
Inputs	<ul style="list-style-type: none">• None
Outputs	<ul style="list-style-type: none">• None
Return Values	<ul style="list-style-type: none">• None
Notes	<ul style="list-style-type: none">• After copying the records to the RULING_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_TARIFF_TAB	
Description	Copies the records from tmp_TARIFF_TAB table into TARIFF_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_TARIFF_TAB • TARIFF_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into TARIFF_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_TAXES_TAB	
Description	Copies the records from tmp_TAXES_TAB table into TAXES_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_TAXES_TAB • TAXES_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the TAXES_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_UNCTAD_TAB	
Description	Copies the records from the tmp_UNCTAD_TAB table into the UNCTAD_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_UNCTAD_TAB • UNCTAD_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the UNCTAD_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_UNIT_TAB	
Description	Copies the records from the tmp_UNIT_TAB table into the UNIT_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_UNIT_TAB • UNIT_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the UNIT_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_COUNTRY_TAB	
Description	Copies the records from the tmp_COUNTRY_TAB table into the COUNTRY_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_COUNTRY_TAB • COUNTRY_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the COUNTRY_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_CUR_TAB	
Description	Copies the records from the tmp_CUR_TAB table into the CUR_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_CUR_TAB • CUR_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the CUR_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_EXCH_TAB	
Description	Copies the records from the tmp_EXCH_TAB table into the EXCH_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_EXCH_TAB • EXCH_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the EXCH_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_HS_COMM_SER	
Description	Copies the records from the tmp_HS_COMM_SER table into HS_COMM_SER table
Related Tables	<ul style="list-style-type: none"> • tmp_HS_COMM_SER • HS_COMM_SER
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the HS_COMM_SER table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_HS_TAXES_TAB	
Description	Copies the records from the tmp_HS_TAXES_TAB table into the HS_TAXES_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_HS_TAXES_TAB • HS_TAXES_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into HS_TAXES_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REF_COMM_TAB	
Description	Copies the records from the tmp_REF_COMM_TAB table into the REF_COMM_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REF_COMM_TAB • REF_COMM_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the REF_COMM_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REGIME_TAB	
Description	Copies the records from the tmp_REGIME_TAB table into the REGIME_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REGIME_TAB • REGIME_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the REGIME_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REGU_COUNTRY_TAB	
Description	Copies the records from tmp_REGU_COUNTRY_TAB table into the REGU_COUNTRY_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REGU_COUNTRY_TAB • REGU_COUNTRY_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the REGU_COUNTRY_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REGU_HS_TAB	
Description	Copies the records from tmp_REGU_HS_TAB table into the REGU_HS_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REGU_HS_TAB • REGU_HS_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the record into the REGU_HS_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REGU_REGIME_TAB	
Description	Copies the records from the tmp_REGU_REGIME_TAB table into the REGU_REGIME_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REGU_REGIME_TAB • REGU_REGIME_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the REGU_REGIME_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REGU_SECURITY_TAB	
Description	Copies the records from the tmp_REGU_SECURITY_TAB table into the REGU_SECURITY_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REGU_SECURITY_TAB • REGU_SECURITY_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the REGU_SECURITY_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_REGULATIONS_TAB	
Description	Copies the records from the tmp_REGULATIONS_TAB table into the REGULATIONS_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_REGULATIONS_TAB • REGULATIONS_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the REGULATIONS_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_RELATED_REGU_TAB	
Description	Copies the records from the tmp_RELATED_REGU_TAB table into the RELATED_REGU_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_RELATED_REGU_TAB • RELATED_REGU_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the RELATED_REGU_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_LoopTables	
Description	This SP will loop through all the temporary tables that are driven from ORACLE Server, It will call another SP that will copy the changes into SQL tables
Related Tables	<ul style="list-style-type: none"> • None
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	

Stored Procedure Name: job_Ref_Comm_TAB	
Description	Copies the records from the tmp_Ref_Comm_TAB table into the Ref_Comm_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_Ref_Comm_TAB • Ref_Comm_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the Ref_Comm_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGENCY_TAB	
Description	Copies the records from the tmp_AGENCY_TAB table into the AGENCY_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGENCY_TAB • AGENCY_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGENCY_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGREEMENT_TAB	
Description	Copies the records from the tmp_AGREEMENT_TAB table into the AGREEMENT_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGREEMENT_TAB • AGREEMENT_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGREEMENT_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGREM_AC_TAB	
Description	Copies the records from the tmp_AGREM_AC_TAB table into the AGREM_AC_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGREM_AC_TAB • AGREM_AC_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGREM_AC_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGREM_COUNTRY_TAB	
Description	Copies the records from the tmp_AGREM_COUNTRY_TAB table into the AGREM_COUNTRY_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGREM_COUNTRY_TAB • AGREM_COUNTRY_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGREM_COUNTRY_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGREM_EXCEPT_TAB	
Description	Copies the records from the tmp_AGREM_EXCEPT_TAB table into the AGREM_EXCEPT_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGREM_EXCEPT_TAB • AGREM_EXCEPT_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGREM_EXCEPT_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGREM_Fixed_TAB	
Description	Copies the records from the tmp_AGREM_Fixed_TAB table into the AGREM_Fixed_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGREM_Fixed_TAB • AGREM_Fixed_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGREM_Fixed_TAB table they will be deleted from the temporary table

Stored Procedure Name: job_tmp_AGREM_HS_TAB	
Description	Copies the records from the tmp_AGREM_HS_TAB table into the AGREM_HS_TAB table
Related Tables	<ul style="list-style-type: none"> • tmp_AGREM_HS_TAB • AGREM_HS_TAB
Inputs	<ul style="list-style-type: none"> • None
Outputs	<ul style="list-style-type: none"> • None
Return Values	<ul style="list-style-type: none"> • None
Notes	<ul style="list-style-type: none"> • After copying the records into the AGREM_HS_TAB table they will be deleted from the temporary table

التاريخ: 2005/7/19
المشروع: نظام التعريفة المتكامل

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تاريخ التنقيح

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الفقرة 1: الدخول

الفقرة 1.1: تسجيل الدخول

هذه الشاشة هي اول شاشات نظام التعريف المتكامل الخاص بدائرة الجمارك الاردنية حيث يمكن للمستخدم الدخول الى النظام بعد تزويد النظام باسم المستخدم و كلمة السر يقوم المستخدم بالضغط على زر الدخول (**دخول**). يقوم النظام بالتأكد من صحة اسم المستخدم و كلمة السر.

الشكل 1: تسجيل الدخول

وفي حال وجود أي خطأ باحدهم / كلاهما تظهر الرسالة التالية (**خطأ في اسم المستخدم او كلمة السر**). في حال كان اشتراك المستخدم غير مفعّل، تظهر الرسالة التالية (**لا يزال إشتراكك غير مفعّل**). لتفريع الحقول من محتواها، يتوجب على المستخدم الضغط على زر (**تفريع الحقول**).
في حال عدم ضغط زر الدخول قبل ادخال اسم المستخدم يظهر التنبيه التالي:



الشكل 2: "الرجاء إدخال اسم المستخدم"

و في حال عدم ادخال كلمة السر يظهر التنبيه التالي:



الشكل 3: "الرجاء إدخال كلمة السر"

اما في حال عدم وجود خطأ في اسم المستخدم و كلمة السر، ينتقل المستخدم الى الشاشة التالية:



الشكل 4: الشاشة الرئيسية

من خلال هذه الشاشة يستطيع المستخدم الدخول الى جميع اقسام النظام بالضغط على الرابط المعني.

الفقرة 1.3: إنتهاء الفترة المحددة لإستخدام النظام

الشكل 5: "نعتذر يتوجب عليك دخول النظام مرة أخرى!"

في حال ظهور هذه الشاشة يتوجب على المستخدم دخوله مرة أخرى وذلك لمرور فترة زمنية طويلة دون استخدام النظام.

الفقرة 2: معلومات المشترك

الفقرة 2.1: إضافة مشترك جديد

الشكل 6: إضافة مشترك جديد

للاوصول لهذه الشاشة، يتوجب على المستخدم الضغط على الرابط الموجود على شاشة الدخول (مستخدم جديد؟ سجل هنا) . على المستخدم ادخال المعلومات اللازمة في الحقول المشار بجانبها باللون الاحمر (*). عند الانتهاء من الادخال الصحيح، على المستخدم الضغط على زر موافق (موافق). لتفريغ الحقول من محتواها، يتوجب على المستخدم الضغط على زر (تفريغ الحقول). عند الضغط على زر موافق و في حالة عدم إدخال اي من المعلومات الواجب إدخالها، سيظهر النظام تنبيه يشير إلى الحقل المعني. مثلاً:



الشكل 7: "الرجاء إدخال الاسم الاول"

في حال محاولة تسجيل اسم مستخدم موجود مسبقا تظهر الرسالة التالية (اسم المشترك موجود مسبقا).

الفقرة 2.2: تحديث معلومات المشترك

الشكل 8: تحديث معلومات المشترك

للاوصول لهذه الشاشة على المستخدم الضغط على الرابط ([تحديث معلومات المشترك](#)) المتواجدة على القائمة في الجانب الأيمن. خلال هذه الشاشة يستطيع المستخدم مشاهدة و تعديل المعلومات المتعلقة به فيما عدا اسم المستخدم و كلمة السر الخاصة به. لإتمام عملية التعديل يتوجب على المستخدم الضغط على زر موافق ([موافق](#)). عند إتمام عملية التعديل بنجاح تظهر الرسالة التالية ([تم تحديث معلومات المشترك](#)).

الفقرة 3: تفاصيل الاشتراك

الفقرة 3.1: اضافة تفاصيل الاشتراك

الشكل 9: اضافة تفاصيل الاشتراك

من خلال هذه الشاشة يستطيع المستخدم اختيار المواضيع التي يرغب بأن يقوم النظام بإعلامه على أي تعديلات تطرأ عليها. وهذه المواضيع هي:

- التعليمات
- الاتفاقيات
- ضريبة المبيعات
- قرارات التصنيف
- البنود الجمركية

إذا رغب المستخدم بان تصله أي تحديثات طرأت على التعليمات يتوجب عليه اختيار المربع المتواجد أمام كلمة التعليمات (التعليمات) فيظهر القسم التالي :

الشكل 10: التعليمات

يمكن للمستخدم اختيار أكثر من دائرة حكومية في آن واحد و نقلها للقائمة المختارة بالضغط على زر اختيار (إختيار <<) ، ولحذفها من قائمة الدوائر المختارة يجب عليه اختيار الدوائر المراد حذفها من ثم الضغط على زر حذف (حذف >>) .

إذا رغب المستخدم بان تصله أي تحديثات طرأت على الاتفاقيات يتوجب عليه اختيار المربع المتواجد أمام كلمة الاتفاقيات (الاتفاقيات) فيظهر القسم التالي :

<input type="checkbox"/> التعليمات	
<input checked="" type="checkbox"/> الاتفاقيات	
الاتفاقيات المختارة	الاتفاقيات
اتفاقية منطقة تجارة حرة بين حكومة المملكة اتفاقية التعاون التجاري بين حكومة المملكة الأردنية اتفاق اقتصادي بين المملكة الأردنية الهاشمية	<input type="button" value="إختيار <<"/> <input type="button" value="حذف >>"/>
	اتفاقية إقامة منطقة تجارة حرة بين حكومة الاتفاق التجاري والاقتصادي بين حكومة اتفاقية إقامة منطقة تجارة حرة بين حكومة اتفاق اقتصادي بين المملكة الأردنية الهاشمية اتفاقية إقامة منطقة تجارة حرة بين حكومة اتفاق تجاري واقتصادي بين حكومة المملكة اتفاق التعاون في مجال الشؤون التجارية بين
<input type="checkbox"/> ضريبة المبيعات	
<input type="checkbox"/> قرارات التصنيف	
<input type="checkbox"/> البنود الجمركية	
<input type="button" value="مواقع"/> <input type="button" value="تفريع الحقول"/>	

الشكل 11: الاتفاقيات

يمكن للمستخدم اختيار اكثر من اتفاقية في آن واحد ونقلها للقائمة المختارة بالضغط على زر اختيار () ، ولحذفها من قائمة الاتفاقيات المختارة يجب عليه اختيار الاتفاقيات المراد حذفها من ثم الضغط على زر حذف () .

إذا رغب المستخدم بان تصله اي تحديثات طرأت على ضريبة المبيعات يتوجب عليه إختيار المربع المتواجد أمام كلمة ضريبة المبيعات (ضريبة المبيعات) .

إذا رغب المستخدم بان تصله اي تحديثات طرأت على قرارات التصنيف يتوجب عليه إختيار المربع المتواجد أمام كلمة قرارات التصنيف (قرارات التصنيف) .

إذا رغب المستخدم بان تصله اي تحديثات طرأت على البنود الجمركية يتوجب عليه إختيار المربع المتواجد أمام كلمة البنود الجمركية (البنود الجمركية). فيظهر القسم التالي:

البنود الجمركية <input checked="" type="checkbox"/>	
<input type="checkbox"/> +	حيوانات حية ومنتجات المملكة الحيوانية
<input type="checkbox"/> +	منتجات المملكة النباتية
<input type="checkbox"/> +	شحوم و دهون و زيوت حيوانية أو نباتية، منتجات تفككها، دهون غذائية محضرة شموع من أصل حيواني أو نباتي
<input type="checkbox"/> +	منتجات صناعة الأغذية، مشروبات، سوائل كحولية و خل، نخب و أبدال نخب مصنعة
<input type="checkbox"/> +	منتجات معدنية
<input type="checkbox"/> +	منتجات الصناعات الكيماوية أو الصناعات المرتبطة بها
<input type="checkbox"/> +	لائقن و مصنوعاتهما، مطاط و مصنوعاتهما
<input type="checkbox"/> +	جلود خام و جلود مذبوغة و جلود بقر و مصنوعات هذه المواد أصناف عدة الحيوانات و السراجه، لوازم السفر، حقايب يدوية و أوعية مماثلة لها، مصنوعات من مصاريف الحيوانات (عدا مصاريف دودة القز)
<input type="checkbox"/> +	خشب و مصنوعاتهما، فحم خشبي، فلين و مصنوعات من القطن و الحفاه أو غيرها من مواد الصناعات، أصناف صناعاتي الحصر و السلال
<input type="checkbox"/> +	عجينة الخشب أو غيرها من عجائن مواد ليفية سيلوزية (نقابات و فضلات) ورق، أو ورق مقوى (كرتون) مسرحة و ورق و ورق مقوى و مصنوعاتهما
<input type="checkbox"/> +	مواد نسجية و مصنوعاتهما
<input type="checkbox"/> +	أحذية، أعطية رأس، مظلات مطر و شمس، عصي و عصي بمقاعد، سباط وأجزاء هذه الأصناف، ريش محضر و أصناف من ريش، أزهار اصطناعية، مصنوعات من شعر بشري
<input type="checkbox"/> +	مصنوعات من حجر أو صخر أو إسمنت أو حديد صخري أو ميكال أو من مواد مماثلة، منتجات من خزف، زجاج و مصنوعاتهما
<input type="checkbox"/> +	لؤلؤ طبيعي أو مستنبت، أحجار كريمة أو شبه كريمة، معادن ثمينة، معادن مكسوة بقشرة من معادن ثمينة و مصنوعات هذه المواد، حلي العنابة (مقلدة) نفود
<input type="checkbox"/> +	معادن عادية و مصنوعاتهما
<input type="checkbox"/> +	آلات وأجهزة، معدات كهربائية، أجزاءها، أجهزة تسجيل و إذاعة الصوت، أجهزة تسجيل و إذاعة الصور و الصوت في الإذاعة المرئية (تلفزة)، أجزاء و لوازم هذه الأجهزة
<input type="checkbox"/> +	معدات نقل
<input type="checkbox"/> +	أدوات وأجهزة للتصوير أو التصوير الفوتوغرافي أو السينمائي أو للقياس أو للفحص، و أدوات و أجهزة دقيقة أدوات للطب أو للأجهزة أصناف صناعة الساعات، أدوات موسيقية، أجزاء و لوازم هذه الأدوات و الأجهزة
<input type="checkbox"/> +	أسلحة و ذخائر، أجزاءها و لوازمها
<input type="checkbox"/> +	سلح و منتجات مختلفة
<input type="checkbox"/> +	نحف فنية، قطع للمجموعات و قطع أثرية
تفريع الحقول موافق	

الشكل 12: البنود الجمركية

ومن خلال هذا القسم يستطيع المستخدم اختيار البنود الجمركية التي يرغب بمعرفة أي تعديلات تطرأ عليها باختيار المربع (✓) بجانب البند المراد اختياره. بالضغط على إشارة (+) يتمكن المستخدم من مشاهدة البنود المتواجدة ضمن البند المختار كالتالي:

<input type="checkbox"/> (+)	حيوانات حية ومنتجات المملكة الحيوانية
<input type="checkbox"/> (+)	منتجات المملكة النباتية
<input checked="" type="checkbox"/> (+)	أشجار ونباتات أخرى حية، بصلات و جذور و ما شابهها، أزهار مقطوفة و أغصان مورقة للزينة
<input type="checkbox"/> (+)	خضرا و نباتات وجذور ودرنات صالحة غذائية
<input type="checkbox"/> (+)	فواكه و أشمار صالحة للأكل، قشور حمضيات و قشور بطيخ أو شمام
<input type="checkbox"/> (+)	بن و شاي، و منة و بهارات و افاوية
<input type="checkbox"/> (-)	حبوب
<input type="checkbox"/> (+)	حنطة (قمح) وخليط حنطة مع شيلم
<input type="checkbox"/> (+)	شيلم (جاودار)
<input type="checkbox"/> (+)	شعير
<input type="checkbox"/> (+)	سوفان
<input type="checkbox"/> (+)	ذرة
<input type="checkbox"/> (+)	أرز
<input type="checkbox"/> (+)	حبوب السرغوم
<input type="checkbox"/> (+)	حنطة سوداء ، دخن وحبوب الحماضين ، حبوب أخرى
<input type="checkbox"/> (+)	منتجات مطاحن، شعير ناشط (مالت)، نشا حبوب أو جذور أو درنات، ايتولين ، دايوس القمح (جلوتين)
<input type="checkbox"/> (+)	حبوب و أشمار زينة، حبوب و بذور وثمار متنوعة، نباتات للصناعة أو الطب، قطن و علف
<input type="checkbox"/> (+)	صمغ اللك، صمغ وراتنج و غيرها من عصارات و خلاصات نباتية
<input type="checkbox"/> (+)	مواد صخر نباتية، منتجات أخرى من اصل نباتي غير مذكورة و لا داخله في مكان آخر
<input type="checkbox"/> (+)	شحوم و دهون و زيوت حيوانية أو نباتية، منتجات تفكها، دهون غذائية محضرة شموع من اصل حيواني
<input type="checkbox"/> (+)	منتجات صناعة الأغذية، مشروبات، سائل كحولية و خل، نبيذ و أبدال نبيذ مصنعة

الشكل 13: إستعراض البنود المنتمية لبند تم اختياره

عند اختيار بند يتضمن بنود أخرى فإن البنود المتضمنة سوف يتم اختيارها كذلك. وعند رغبة المستخدم إتمام العملية ما عليه سوى ضغط زر موافق الموجودة في أسفل الصفحة (موافق).

الفقرة 3.2: تعديل تفاصيل الاشتراك

هل ترغب أن يتم اعلامك عن أي تعديل يطرأ على أي من المواضيع التالية

نعم

لا

التعليمات

الأوائر الحكومية المختارة

مديرية الامن العام
وزارة الطاقة والثروة المعدنية
هيئة تنظيم قطاع الاتصالات
مديرية الأمن العسكري
مؤسسة الإذاعة والتلفزيون
البنك المركزي الأردني

اختار <<

حذف >>

الأوائر الحكومية

وزارة الصحة
و الصحة / م العامة للغذاء و الدواء
وزارة البريد والاتصالات
المؤسسة العامة لحماية البيئة
وزارة المياه والري
وزارة الصناعة والتجارة
القادة العامة للقوات المسلحة

الاتفاقيات المختارة

اتفاقية منطقة تجارة حرة بين حكومة المملكة
اتفاقية التعاون التجاري بين حكومة المملكة الأردنية
اتفاق اقتصادي بين المملكة الأردنية الهاشمية

اختار <<

حذف >>

الاتفاقيات

اتفاقية إقامة منطقة تجارة حرة بين حكومة
الاتفاق التجاري والاقتصادي بين حكومة
اتفاقية إقامة منطقة تجارة حرة بين حكومة
اتفاق اقتصادي بين المملكة الأردنية الهاشمية
اتفاقية إقامة منطقة تجارة حرة بين حكومة
اتفاق تجاري واقتصادي بين حكومة المملكة
اتفاق التعاون في مجال الشؤون التجارية بين

ضريبة الشبكات

قرارات التصنيف

البنود الجمركية

موافق سريع الحصول

الشكل 14: تعديل تفاصيل الاشتراك

يمكن تعديل تفاصيل الاشتراك من خلال الشاشة الموجودة أعلاه. وهي نفس الشاشة التي يستطيع منها المستخدم إضافة تفاصيل الاشتراك. وعند رغبة المستخدم إتمام العملية ما عليه سوى ضغط زر موافق الموجودة في أسفل الصفحة (موافق).

الفقرة 4: جدول التعريفية

الفقرة 4.1: الشاشة الرئيسية لجدول التعريفية



المملكة الأردنية الهاشمية



دائرة الجمارك

التعريفية

حيوانات حية ومنتجات المملكة الحيوانية

01 - حيوانات حية

02 - لحوم وأعضاء وأطراف صالحة للأكل

03 - أسماك وقشر بيات، رخويات و غير ها من اللافطاريات المائية

04 - ألبان و منتجات صناعة الألبان، بيض طيور، عسل طبيعي، منتجات صالحة للأكل من اصل حيواني غير مذكورة و لا داغلة في مكان آخر

05 - منتجات آخر من اصل حيواني غير مذكورة و لا داغلة في مكان آخر

منتجات المملكة النباتية

06 - شعوم و دهون وزيت حيوانية أو نباتية، منتجات تفككها، دهون غذائية محضرة شوغ من اصل حيواني أو نباتي

07 - منتجات صناعة الأغذية، مشروبات، سوائل كحولية وحل، دخن و ابدال تخم مصنعة

منتجات معدنية

08 - منتجات الصناعات الكيماوية أو الصناعات المرتبطة بها

09 - الآلات و مصنوعات، مطاط و مصنوعات

10 - جلود خام و جلود مذبوحة و جلود براء و مصنوعات هذه المواد أصناف عدة الحيوانات و السراجه، لوازم السفر، حاليات يدوية و أوعية مماثلة لها، مصنوعات من مصارين الحيوانات (عدا مصارين دودة القز)

11 - خشب و مصنوعات، قح خشبي، قطن و مصنوعات، مصنوعات من القطن و الحفاه أو غير ها من مواد الصفر، أصناف صناعية الخصر و السلال

12 - عجيذة الخشب أو غير ها من عجائن مواد ليفية سلولوزية (نقاريات و فضلات) ورق، أو ورق مقوى (كرونون) مسرجمه و ورق، و ورق مقوى و مصنوعات

13 - مواد نسجية و مصنوعات

14 - أدوات، أعطية رأس، مظلات مطر و شمسي، عصي و عصي بمقاعد، سباط وأجزاء هذه الأصناف، زينة محضر و أصناف من زينة، أزرار اصطناعية، مصنوعات من شعر بشري

15 - مصنوعات من حجر أو صخر أو إسمنت أو حرير صخرى، أو ميكا أو من مواد مماثلة، منتجات من خزف، زجاج و مصنوعات

16 - قوالب طينية، أو مسنبت، أحجار كريمة أو شبه كريمة، معادن ثمينه، معادن مكسوة بقشره من معادن ثمينه و مصنوعات هذه المواد، حلبي التوابية (مفلة) نفود

17 - معادن عادية و مصنوعات

18 - آلات وأجهز، معدلات كهربائية، أجزاءها، أجهزة تسجيل و إذاعة الصوت، أجهزة تسجيل و إذاعة الصور و الصوت في الإذاعة المرئية (تلفزيون)، أجزاء و لوازم هذه الأجهزة

19 - معدلات نقل

20 - أدوات وأجهز للبصر ذات أو التصوير، الفوتوغرافي أو السينمائي، أو للقياس أو للتحسس، و أدوات و أجهزة دقيقة أدوات الطب أو للجراحة أصناف صناعة الساعات، أدوات موسيقية، أجزاء و لوازم هذه الأدوات و الأجهزة

21 - أسلحة وذخائر، أجزاءها و لوازمها

22 - سلاح و منتجات مختلفة

23 - تحف فنية، وفلم للشحومات و فلم أثرية

قائمة الخروفي

تحديث معلومات المنتج

تفاصيل الإشتراك

جدول التعريفية

قرارات التصنيف

الإضافات

التعليقات

ضرائب أخرى

بحث

تغيير كلمة السر

طلب تصنيف

خروج

الشكل 15: الشاشة الرئيسية لجدول التعريفية

من خلال هذه الشاشة يستطيع المستخدم استعراض جميع بنود التعريفية الجمركية. عند الضغط على إشارة (+) يمكن للمستخدم مشاهدة البنود المتواجدة ضمن البند المختار، كما هو موضح في الشكل أعلاه. وإخفائها مرة أخرى يقوم المستخدم بالضغط على إشارة (=).

الفقرة 4.2: قائمة الأقسام

عند الضغط على احد البنود يقوم الرابط بنقل المستخدم الى الشاشة المرتبطة بهذا و إظهار جميع المعلومات المتعلقة به. وجميع البنود الواقعة ضمن هذا البند. عند الضغط على رابط التعرّف الموجود في اعلى شجرة جدول التعرّف سينتقل المستخدم الى شاشة تحتوي على قائمة الاقسام.

رقم القسم	عنوان القسم	الملاحظات القانونية
01	حيوانات حية ومنتجات المملكة الحيوانية	
02	منتجات المملكة النباتية	
03	شعور و دهون و زيوت حيوانية أو نباتية، منتجات تفككها، دهون غذائية محضرة شعور من أصل حيواني أو نباتي	
04	منتجات صناعة الأغذية، مشروبات، سولان كحولية، خل، خلخ و أيدال تخم مصنعة	
05	منتجات معدنية	
06	منتجات الصناعات الكيماوية أو الصناعات المرتبطة بها	
07	اللاين و مصنوعاتهما، مطاط و مصنوعاتهما	
08	جلود خام و جلود مصنوعة و جلود بقراء و مصنوعات هذه المواد أصناف عدة الحيوانات و المراجع، لوازم السفر، حفاظات بيوتية و أوعية مماثلة لها، مصنوعات من مصارين الحيوانات (عدا مصارين دودة القز)	
09	خشب و مصنوعات، قصب خشبي، قطن و مصنوعات، مصنوعات من القطن و المطاف، أو غيرها من مواد الخشبر، أصناف مصنوعة من الصمغ و السلال	
10	عجينة الصلب أو غيرها من عجائن مواد ليفية سلولوزية (نظائبات و فضلات) ورق، أو ورق مغري (كرتون) مسطح و ورق مغري و ورق مغري و مصنوعات	
11	مواد نسجية و مصنوعاتهما	
12	أحذية، أغطية رأس، مظلات مطر و شمس، عصي و عصي مطاوعة، سباط وأجزاء هذه الأصناف، ريشن محضرة و أصناف من ريشن، أو زهار اصطناعية، مصنوعات من شعر بشري	
13	مصنوعات من حجر أو جص أو إسمنت أو خرير صمغى أو ميكا أو من مواد مماثلة، منتجات من خزف، زجاج و مصنوعات	
14	لؤلؤ طبيعي أو مستنبت، أحجار كريمة أو شبه كريمة، معادن كيميائية، معادن مكسوة بفضة من معادن كيميائية و مصنوعات هذه المواد، حلقي العنابرة (مظدة) نفير	
15	معادن عادية و مصنوعاتهما	
16	آلات وأجهزة، معدات كهربائية، أجزاءها، أجهزة تسجيل و إذاعة الصوت، أجهزة تسجيل و إذاعة الصور، والصوت في الإذاعة المرئية (تلفزة)، أجزاء و لوازم هذه الأجهزة	
17	معدات نقل	
18	أدوات وأجهزة للتصوير أو التصوير الفوتوغرافي أو السينمائي أو للقياس أو للفحص، و أدوات و أجهزة دقيقة أدوات للخط أو للجرارة أصناف صناعة الساعات، أدوات موسيقية، أجزاء و لوازم هذه الأدوات و الأجهزة	
19	أسلحة وذخائر، أجزاءها و لوازمها	
20	سلع و منتجات مختلفة	
21	ثمنف قفيا، و قفم للجموعات و قفم أثرية	

الشكل 16: قائمة الأقسام

من خلال هذه الشاشة يمكن للمستخدم مشاهدة الملاحظات القانونية المتعلقة بالقسم المعني، وهذا من خلال الضغط على ايقونة الملاحظات القانونية (📄). يستطيع أيضا من خلال هذه الشاشة الانتقال إلى قائمة الفصول التابعة لهذا القسم، وذلك من خلال الضغط على الرابط الخاص برقم القسم (01) أو عنوان القسم (حيوانات حية ومنتجات المملكة الحيوانية).

الفقرة 4.2: قائمة الفصول

من خلال هذه الشاشة يمكن للمستخدم مشاهدة الملاحظات القانونية المتعلقة بالفصل المعني، وهذا من خلال الضغط على ايقونة الملاحظات القانونية (📄). يستطيع أيضا من خلال هذه الشاشة الانتقال إلى قائمة البنود التابعة لهذا الفصل، وذلك من خلال الضغط على الرابط الخاص برقم القسم (87) أو عنوان القسم (عربات سيارات جرارات، دراجات و عربات ارضية أخرى، وأجزاءها ولوازمها).

رقم الفصل	الوصف	ملاحظات قانونية
86	طائرات و عربات و معدات للسكك الحديدية و ما يماثلها، وأجزاءها، أجهزة إشارة ألية أو كهربائية لطرق القواصمات	
87	عربات سيارات جرارات، دراجات و عربات ارضية أخرى، وأجزاءها ولوازمها	
88	طائرات و سفن فضائية و أجزاءها	
89	سفن وفوارب و عتبات	

الشكل 17: قائمة الفصول

ويظهر في أعلى الشاشة رقم وإسم القسم التي تتبع له هذه الفصول، والرابط الخاص بالملاحظات الخاصة بهذا القسم كالتالي:

ملاحظات قانونية	معدات نقل	17	قسم
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الفقرة 4.3: قائمة البنود

توفر هذه الصفحة معلومات عن قرارات التصنيف والتعليقات والبلاغات المراد إستعراضها لبند معين من خلال الضغط على الرابط (قرارات التصنيف) أو (التعليقات - البلاغات)، وفي حال عدم وجود قرارات تصنيف أو تعليمات مرتبطة بهذا البند لا تظهر هذه الروابط، ويظهر بدلا منها هذه الأيقونة (▶) للدلالة على ان هنالك تفاصيل اخرى تابعة لهذا البند.

ومن خلال هذه الشاشة يمكن للمستخدم الانتقال إلى قائمة البنود الفرعية من المستوى الأول التابعة لهذا البند، وذلك من خلال الضغط على الرابط الخاص برقم القسم (8703) أو عنوان القسم (سيارات ركوب خاصة).



المملكة الأردنية الهاشمية







دائرة الجمارك

2005/07/12

ملاحظات قانونية	ملاحظات قانونية	ملاحظات قانونية

قسم	رقم	ملاحظات
قسم	17	معدات نقل
قسم	87	عربات سيارة جرارات، دراجات و عربات ارضية أخرى، وأجزاء و لوازمها

البنود	الوصف	قرارات التصنيف	التعليقات - البلاغات
8703	سيارات ركوب (خاصة) وغير طعمون العربات السيارة للصناعة اساسا فقط الأشخاص (عدا الماخلة في البند 87.02)، بما في ذلك سيارات "الاستيتم" وسيارات السباق	▶	▶
8704	سيارات نقل البضائع	▶	▶

قائمة التعريف

- تحديث معلومات المشترك
- تفاصيل الاشارة
- جدول التعريف
- قرارات التصنيف
- الاشعارات
- التعليقات
- معلومات اخرى
- بحث
- تغيير كلمة السر
- طلب تصنيف
- خروج

الشكل 18: قائمة البنود

الفقرة 4.4: قائمة البنود الفرعية من المستوى الأول

ملاحظات قانونية		معدلات نقل	رقم	قسم
ملاحظات قانونية			17	معدلات نقل
ملاحظات قانونية		عربات سيارة جرارات، دراجات و عربات ارضية أحر، وأجرؤها ولوازمها	87	هسل
ملاحظات قانونية		سيارات ركوب (خاصة) وغيرهن من العربات السيارة المصممة أساساً لقل الأشخاص (عدا الطائرة في البند 87.02)، بما في ذلك سيارات "الاستيوس" وسيارات السباق	8703	بند

البنود الفرعية الأولى	الوصف	الرسوم الموحد النسبي	الرسوم الموحد النوعي	قرارت التصنيف	الإضافات	التعليقات
87031000	سيارات مصممة خصيصاً للسفر على الطرق، سيارات خاصة نقل الأشخاص في ملاعب الجولف وسيارات مماثلة	30.000%				
87032	سيارات أحر، مجهزة بمحركات لطراق داخل مكابض متقاوية يتم الإشغال فيها بالشرر :-					
87033	سيارات أحر، مجهزة بمحركات لطراق داخل مكابض يتم الإشغال فيها بالضغط (ديزل أو نصف ديزل) :-					
87039	غيرها :-					

الشكل 19: قائمة البنود الفرعية من المستوى الأول

توفر هذه الصفحة معلومات عن قرارات التصنيف والتعليمات والبلاغات المراد إستعراضها لبند من المستوى الأول معين من خلال الضغط على الرابط (قرارات التصنيف) او (التعليمات - البلاغات)، وفي حال عدم وجود قرارات تصنيف أو تعليمات مرتبطة بهذا البند لا تظهر هذه الروابط، في حال وجود بند فرعي يحتوي على رسم تظهر الاعمدة التالية:

- الرسم الموحد النسبي : يحتوي على نسبة الرسم
- الرسم الموحد النوعي: يحتوي على قيمة الرسم بالنسبة للوحدة.
- الاتفاقيات: تحتوي على رابط، وفي حال الضغط عليه تظهر الشاشة التالية التي تحتوي على الاتفاقيات التابعة لهذا البند.

اسم الاتفاقية	الرسم الموحد النسبي	الرسم الموحد النوعي	الرسم النسبي
الاتفاقية السعفاورية	30	30.000	30.000%
اتفاقية التجارة الحرة بين المملكة الأردنية الهاشمية ودول اتفاقية التجارة الحرة الأوروبية (الإفقا)	30	30.000	30.000%
الاتفاق الأوروبي المتوسطي لتأسيس الشراكة فيما بين المجموعات الأوروبية ، والأول الأعضاء فيها من جهة ، والمملكة الأردنية الهاشمية من جهة أخرى	30	30.000	30.000%
اتفاقية منطقة التجارة الحرة بين حكومة المملكة الأردنية الهاشمية وحكومة الولايات المتحدة الأمريكية	30	30.000	30.000%
اتفاقية للتعاون التجاري والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة اسرائيل	30	30.000	30.000%
اتفاقية تسير وتنمية التبادل التجاري بين الدول العربية والنظام التنفيذي للاتفاقية لإقامة منطقة تجارة حرة عربية كبرى	0	30.000	30.000%
اتفاقية التبادل الحر بين حكومة المملكة الأردنية الهاشمية وحكومة المملكة المغربية	25	30.000	30.000%
اتفاقية التبادل التجاري الحر بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية مصر العربية	0	30.000	30.000%
اتفاقية تجارية بين حكومة المملكة الأردنية الهاشمية والجمهورية العربية الليبية الشعبية الاشتراكية العظمى	30	30.000	30.000%
اتفاق تجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية اللبنانية	30	30.000	30.000%
اتفاق التعاون الاقتصادي والتجاري والفي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الكويت	30	30.000	30.000%
اتفاق التعاون في مجال الشؤون التجارية بين المملكة الأردنية الهاشمية والسلطة الوطنية الفلسطينية وتعدلاتها	30	30.000	30.000%
اتفاق تجاري واقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة سلطنة عمان	30	30.000	30.000%
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية السودان	30	30.000	30.000%
اتفاق اقتصادي بين المملكة الأردنية الهاشمية والجمهورية العراقية وتعدلاته	30	30.000	30.000%
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية العربية السورية	0	30.000	30.000%
اتفاق اقتصادي بين المملكة الأردنية الهاشمية والمملكة العربية السعودية	30	30.000	30.000%
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الامارات العربية المتحدة	0	30.000	30.000%
اتفاق التجاري والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة البحرين وتعدلاته	30	30.000	30.000%
اتفاقية منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية والجمهورية التونسية	9	30.000	30.000%
اتفاقية التعاون التجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية الجزائرية الديمقراطية الشعبية	30	30.000	30.000%

الشكل 20: الاتفاقيات التابعة للبنود الفرعية من المستوى الأول في حال عدم وجود معلومات مرتبطة بالبنود الفرعي الذي يحتوي على رسم لا تظهر الروابط المذكورة اعلاه. أما بالنسبة للبنود التي لا تحتوي على رسم، فبظهر بدلا منها هذه الأيقونة (▶) للدلالة على ان هنالك تفاصيل اخرى تابعة لهذا البند الفرعي.

ومن خلال هذه الشاشة يمكن للمستخدم الانتقال إلى:

- في حال وجد للبند رسم: عند الضغط على رقم البند الفرعي يظهر للمستخدم قائمة البضائع المرتبطة به و الرسوم الأخرى لهذا البند.
- في حال عدم وجود رسم لهذا البند: عند الضغط على رقم البند الفرعي أو الوصف، يتم نقل المستخدم إلى قائمة البنود الفرعية من المستوى الثاني التابعة لهذا البند.

الفقرة 4.5 قائمة البنود الفرعية من المستوى الثاني

2005/07/12		معدلات نقل	رقم
ملاحظات قانونية			17
ملاحظات قانونية		عربات سيارة جرارات، دراجات و عربات ارضية أخرى، وأجزاءها ولوازمها	87
ملاحظات قانونية		سيارات ركوب (خاصة) وغير هان العربات السيارة المصممة أساساً لنقل الأشخاص (عدا الاطلة في البند 87.02)، بما في ذلك سيارات "الاستيتم" وسيارات السباق	8703
		سيارات أخرى، مجهزة بمحركات احتراق داخلي ذات مكابس يتم الإشعال فيها بالضغط (ديزل أو نصف ديزل) :-	87033
			أول
البند الفرعي الثاني	الوصف	قرارات التصنيف	التعليمات البلاغات
870331	سعة اسطواناتها لا تتجاوز 1500 سم ³ :-	▶	▶
870332	سعة اسطواناتها تزيد عن 1500 سم ³ ، ولا تتجاوز 2500 سم ³ :-	▶	▶
870333	سعة اسطواناتها تتجاوز 2500 سم ³ :-	▶	▶

الشكل 21 : البنود الفرعية من المستوى الثاني

توفر هذه الصفحة معلومات عن قرارات التصنيف والتعليمات والبلاغات المراد إستعراضها لبند من المستوى الثاني معين من خلال الضغط على الرابط (قرارات التصنيف) أو (التعليمات - البلاغات)، وفي حال عدم وجود قرارات تصنيف أو تعليمات مرتبطة بهذا البند لا تظهر هذه الروابط، في حال وجود بند فرعي يحتوي على رسم تظهر الاعمدة التالية:

- الرسم الموحد النسبي: يحتوي على نسبة الرسم
 - الرسم الموحد النوعي: يحتوي على قيمة الرسم بالنسبة للوحدة.
 - الاتفاقيات: تحتوي على رابط، وفي حال الضغط عليه تظهر الشاشة التالية التي تحتوي على الإتفاقيات التابعة لهذا البند.
- في حال عدم وجود معلومات مرتبطة بالبند الفرعي الذي يحتوي على رسم لا تظهر الروابط المذكورة اعلاه. أما بالنسبة للبنود التي لا تحتوي على رسم، فبظهر بدلا منها هذه الأيقونة (▶) للدلالة على ان هنالك تفاصيل اخرى تابعة لهذا البند الفرعي.
- ومن خلال هذه الشاشة يمكن للمستخدم الانتقال إلى:

- في حال وجد للبند رسم: عند الضغط على رقم البند الفرعي يظهر للمستخدم قائمة البضائع المرتبطة به و الرسوم الأخرى لهذا البند.
- في حال عدم وجود رسم لهذا البند: عند الضغط على رقم البند الفرعي أو الوصف، يتم نقل المستخدم إلى قائمة البنود الفرعية المحلية من المستوى الأول التابعة لهذا البند.

الفقرة 4.6 قائمة البنود الفرعية المحلية من المستوى الأول

2005/07/12		معدات نقل	17	قسم
ملاحظات قانونية		عربات سيارة جرارات، دراجات و عربات ارضية أخرى، وأجزاءها ولوازمها	87	فصل
ملاحظات قانونية		سيارات ركوب (خاصة) وغيرها من العربات السيارة المصممة أساساً لنقل الأشخاص (عدا الاطلة في البند 87.02)، بما في ذلك سيارات "الاستيشن" وسيارات السباق	8703	بند
		سيارات أخرى، مجهزة بمحركات احتراق داخلي ذات مكابس يتم الإشعال فيها بالضغط (ديزل أو نصف ديزل) :-	87033	بند فرعي أول
		سعة اسطواناتها تزيد عن 1500 سم ³ ، ولا تتجاوز 2500 سم ³ :-	870332	بند فرعي ثانوي
التعليمات - البلاغات	قرارات التصنيف	الوصف	البند الفرعي المحلي الأول	
▶	▶	سعة اسطواناتها تزيد عن 1500 سم ³ ولا تتجاوز 2000 سم ³ :-	8703321	
▶	▶	سعة اسطواناتها تزيد عن 2000 سم ³ ، ولا تتجاوز 2500 سم ³ :-	8703322	
			1	

الشكل 22 : البنود الفرعية المحلية من المستوى الأول

توفر هذه الصفحة معلومات عن قرارات التصنيف والتعليمات والبلاغات المراد إستعراضها لبند فرعي محلي من المستوى الأول معين من خلال الضغط على الرابط (قرارات التصنيف) او (التعليمات - البلاغات)، وفي حال عدم وجود قرارات تصنيف أو تعليمات مرتبطة بهذا البند لا تظهر هذه الروابط، في حال وجود بند فرعي محلي يحتوي على رسم تظهر الاعمدة التالية:

- الرسم الموحد النسبي : يحتوي على نسبة الرسم
- الرسم الموحد النوعي: يحتوي على قيمة الرسم بالنسبة للوحدة.
- الاتفاقيات: تحتوي على رابط، وفي حال الضغط عليه تظهر الشاشة التالية التي تحتوي على الإتفاقيات التابعة لهذا البند.
- في حال عدم وجود معلومات مرتبطة بالبند الفرعي الذي يحتوي على رسم لا تظهر الروابط المذكورة اعلاه. أما بالنسبة للبنود التي لا تحتوي على رسم، فبظهر بدلا منها هذه الأيقونة (▶) للدلالة على ان هنالك تفاصيل اخرى تابعة لهذا البند الفرعي المحلي. ومن خلال هذه الشاشة يمكن للمستخدم الانتقال إلى:
- في حال وجد للبند رسم: عند الضغط على رقم البند الفرعي المحلي يظهر للمستخدم قائمة البضائع المرتبطة به و الرسوم الأخرى لهذا البند.
- في حال عدم وجود رسم لهذا البند: عند الضغط على رقم البند الفرعي أو الوصف، يتم نقل المستخدم إلى قائمة البنود الفرعية المحلية من المستوى الثاني التابعة لهذا البند.

الفقرة 4.7: قائمة البنود الفرعية المحلية من المستوى الثاني

ملاحظات قانونية	معدات نقل	فسم	رقم			
ملاحظات قانونية	معدات نقل	17	فسم			
ملاحظات قانونية	عربات سيارة جرارات، دراجات و عربات ارضية أخر، وأجزاءها ولوازمها	87	فصل			
ملاحظات قانونية	سيارات ركوب (خاصة) وغير هاون العربات السيارة المصممة أساساً لنقل الأشخاص (عدا الماخلة في البند 87.02)، بما في ذلك سيارات "الاستين" وسيارات السباق	8703	بند			
	سيارات أخر، مجهزة بمحركات إحراق داخلي ذات مكابس يتم الإشعال فيها بالضغط (ديزل أو نصف ديزل) :-	87033	بند فرعي أول			
	سعة اسطواناتها تزيد عن 1500 سم ³ ، ولا تتجاوز 2500 سم ³ :-	870332	بند فرعي ثاني			
	سعة اسطواناتها تزيد عن 1500 سم ³ ولا تتجاوز 2000 سم ³ :-	8703321	بند فرعي أول			
البنود الفرعية المحلي الثاني	الوصف	الرسم الموحد النسبي	الرسم الموحد النوعي	قرارت التصنيف	الاتفاقيات	التعليمات - البلاغات
87033213	سيارات الإسعاف ونقل الموتي، المصممة خصيصاً لهذه الغاية	5.000%			الاتفاقيات	
87033214	السيارات المجهزة والموتنة للرحلات والفرجات (Camper)	30.000%			الاتفاقيات	
87033219	غيرها	25.000%			الاتفاقيات	

الشكل 23 : البنود الفرعية المحلية من المستوى الثاني

توفر هذه الصفحة معلومات عن قرارات التصنيف والتعليمات والبلاغات المراد إستعراضها لبند فرعي محلي من المستوى الثاني معين من خلال الضغط على الرابط (قرارات التصنيف) او (التعليمات - البلاغات)، وفي حال عدم وجود قرارات تصنيف أو تعليمات مرتبطة بهذا البند لا تظهر هذه الروابط، في حال وجود بند فرعي محلي يحتوي على رسم تظهر الاعمدة التالية:

- الرسم الموحد النسبي : يحتوي على نسبة الرسم
 - الرسم الموحد النوعي: يحتوي على قيمة الرسم بالنسبة للوحدة.
 - الاتفاقيات: تحتوي على رابط، وفي حال الضغط عليه تظهر الشاشة التالية التي تحتوي على الإتفاقيات التابعة لهذا البند.
- في حال عدم وجود معلومات مرتبطة بالبنود الفرعية الذي يحتوي على رسم لا تظهر الروابط المذكورة اعلاه. أما بالنسبة للبنود التي لا تحتوي على رسم، فبظهر بدلاً منها هذه الأيقونة (▶) للدلالة على ان هنالك تفاصيل اخرى تابعة لهذا البند الفرعي المحلي. ومن خلال هذه الشاشة يمكن للمستخدم الانتقال إلى في حال وجد للبند رسم عند الضغط على رقم البند الفرعي المحلي يظهر للمستخدم قائمة البضائع المرتبطة به و الرسوم الأخرى لهذا البند.

الفقرة 5: قرارات التصنيف



المملكة الأردنية الهاشمية







دائرة الجمارك

قائمة قرارات التصنيف

تحديث معلومات المشترك

تفاصيل الإصدار لك

جدول التعرفة

قرارات التصنيف

الاتفاقيات

التعليمات

صناعات أخرى

بحث

تغيير كلمة السر

طلب تصنيف

خروج

كلمة مرتبطة بالبحث

رمز التعريف

الاسم التجاري

بحث

الاسم التجاري	التاريخ	رقم قرار التصنيف	رمز التعريف
اجهزة كشف الرقم	1998/10/14	1998-91	851711
			1

الشكل 24 : قرارات التصنيف

من خلال هذه الشاشة يستطيع المستخدم البحث على قرار تصنيف معين بإدخال معلومات بإحدى الحقول التالية:

- كلمة مرتبطة بالبحث
 - رمز التعرّف : أول حقل لرمز التعرّف الجمركية، والثاني لرمز السلعة
 - الاسم التجاري
- بعد إدخال المعلومات المعنية، على المستخدم الضغط على زر البحث (**بحث**).

إذا لم يوجد أي معلومات، ستظهر الرسالة التالية:

لا يوجد اي معلومات

إذا أراد المستخدم إستعراض قرار التصنيف، عليه الضغط على رابط رمز التعرّف. (**1998-91**)

الفقرة 6: الاتفاقيات

دائرة الجمارك

اسم الاتفاقية	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	تاريخ التطبيق	شروط الخاصة
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة دولة الإمارات العربية المتحدة	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	24/11/2001	شروط الخاصة
اتفاقية التجارة الحرة والاقتصادي بين حكومة المملكة الأردنية الهاشمية وحكومة دولة البحرين وعمدلاته	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	29/05/2002	شروط الخاصة
اتفاقية منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية والمملكة العربية السورية	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	16/06/1999	شروط الخاصة
اتفاقية التعاون التجاري بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية العراقية الاتحادية الديمقراطية الشعبية	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	31/01/1999	شروط الخاصة
اتفاقية اقتصادي بين المملكة الأردنية الهاشمية والمملكة العربية السعودية	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	30/10/1962	شروط الخاصة
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة الجمهورية العربية السورية	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	21/05/2002	شروط الخاصة
اتفاقية اقتصادي بين المملكة الأردنية الهاشمية والمملكة العربية السورية وعمدلاته	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	21/02/1966	شروط الخاصة
اتفاقية إقامة منطقة تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة جمهورية السودان	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	29/08/2003	شروط الخاصة
اتفاقية تجارة حرة بين حكومة المملكة الأردنية الهاشمية وحكومة سلطنة عمان	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	18/02/1986	شروط الخاصة
اتفاقية التعاون في مجال الشؤون التجارية بين المملكة الأردنية الهاشمية والسلطة الوطنية الفلسطينية وعمدلاتها	قواعد المنشأ	نموذج شهادة المنشأ	الإستثناءات	08/06/1995	شروط الخاصة

1 2 3

الشكل 25 : قائمة الاتفاقيات

باستخدام هذه الشاشة يمكن للمستخدم البحث عن الاتفاقيات بإدخال اسم الاتفاقية أو أي جزء منها ثم الضغط على زر البحث (**بحث**). من خلال القائمة المعروضة يستطيع المستخدم مشاهدة الملف المتعلق بالاتفاقية بالضغط على الرابط الموجود ضمن عمود "اسم الاتفاقية".

الضغط على رابط قواعد المنشأ ستعرض للمستخدم المعلومات المتعلقة بقواعد المنشأ لهذه الاتفاقية. الضغط على رابط نموذج شهادة المنشأ ستعرض للمستخدم المعلومات المتعلقة نموذج شهادة المنشأ لهذه الاتفاقية. الضغط على رابط الاستثناءات ستعرض للمستخدم لاستثناءات الخاصة بهذه الاتفاقية. الضغط على رابط الشروط الخاصة ستعرض للمستخدم الشروط الخاصة بهذه الاتفاقية.

إذا لم يوجد أي معلومات، ستظهر الرسالة التالية:

الفقرة 7: التعليمات

المملكة الأردنية الهاشمية

دائرة الجمارك

الكل

الدائرة الحكومية

كلمة مرتبطة بالبحث

من تاريخ

إلى تاريخ

الرقم

بحث

رقم الاجراء	التاريخ	الجهة المسؤولة	موضوع
190	1998/11/25	دائرة الجمارك	منع دخول الصغور الحية من قبل الدول الموقعة على اتفاقية CITES وفي حال استيرادها او مرورها من الدول غير الموقعة على الاتفاقية مراجعة الجيميه مسبقا لطلب تصريح بالذخا او مرور هذه الانواع من الاراضي الاردنيه
91	2001/08/16	دائرة الجمارك	تنقيح ما ورد في بيانات الطوايح الواجب الصفاها على الوثائق المصدقة من الجمارك الاردنيه في الخارج
3	1997/06/12	دائرة الجمارك	استيفاء رسم الاستيراد عن البضائع السورية المستوردة
14	1999/01/28	دائرة الجمارك	توضيح الفقرة التي تسوقى عنها التصدير للسلع المستوردة هي الفقرة المعدلة اساسا في جداول التعريفه وغيرها من الرسوم والضرائب المفروضة على السلع
45	2004/05/31	دائرة الجمارك	اعتماد نوافع على شهادات المنشأ البحرين
46	2003/07/29	دائرة الجمارك	اعتماد تعديل على شهادات المنشأ المغربية
20	2004/03/17	دائرة الجمارك	اعتماد اسماء ونوافع واختام السفولن بالتوقيع على شهادة المنشأ المصدرة عن الهيئة العامة للركابة على الصادرات والواردات المصرية
133	1999/08/15	دائرة الجمارك	اعتماد الحرف التجارية في فرنسا بامسار شهادات المنشأ المستعمدة لفايات للتخلص على البضائع الفرنسية
16	2005/02/17	دائرة الجمارك	اعتماد اسماء ونوافع واختام السفولن بالتوقيع على شهادة المنشأ المصدرة عن الهيئة العامة للركابة على الصادرات والواردات المصرية
76	2003/12/16	دائرة الجمارك	وقف العمل باحكام ال 45/2003 وعدم السماح بتخزينها بالمستودعات

1 2 3 4 5 6 7 8 9 10

الشكل 26: التعليمات

من خلال هذه الشاشة يستطيع المستخدم البحث عن التعليمات التي يرغب مشاهدتها باستخدام حقول البحث التالية:

- الدائرة الحكومية
- كلمة مرتبطة بالبحث
- من تاريخ
- إلى تاريخ
- الرقم : رقم الإجراء

بعد إدخال المعلومات المعنية، على المستخدم الضغط على زر البحث (**بحث**).

الضغط على رابط "رقم الإجراء" سيعرض للمستخدم المعلومات المتعلقة بالتعليمة (الإجراء المراد).
الضغط على رابط "الجهة المسؤولة" سينقل المستخدم للموقع الإلكتروني للدائرة الحكومية المصدرة لهذا الإجراء.

إذا لم يوجد أي معلومات، ستظهر الرسالة التالية:

المملكة الأردنية الهاشمية

دائرة الجمارك

اسم الضريبة

الوحدة	القيمة	اسم الضريبة
القيمة	700.000	ضريبة مبيعات خامسافوعة(50أطنان/طنية)
القيمة	0.150	ضريبة المبيعات (جدول رقم (3) (مخلف)
القيمة	0	رسم موجد (نسبة 160%)
القيمة	160.000	ضريبة مبيعات خامسافوعة(نسبة 13%)
القيمة	13.000	ضريبة مبيعات خامسافوعة(50دينار/طن)
القيمة	50.000	ضريبة مبيعات خامسافوعة(1دينار/لتر)
القيمة	1.000	ضريبة مبيعات خامسافوعة(نسبة 50%)
القيمة	50.000	ضريبة مبيعات خامسافوعة(نسبة 102%)
القيمة	102.000	ضريبة مبيعات خامسافوعة(نسبة 55%)
القيمة	55.000	

1 2 3 4 5 6 7 8 9

الشكل 27: الضرائب الأخرى

من خلال هذه الشاشة يستطيع المستخدم البحث عن الضرائب التي يرغب مشاهدتها باستخدام حقل البحث الموجود في أعلى الصفحة. يمكن للمستخدم إدخال اسم الضريبة أو جزء من الاسم، ثم الضغط على زر البحث (**بحث**).

هنا يستطيع المستخدم مشاهدة اسم الضريبة وقيمتها والوحدة.

إذا لم يوجد أي معلومات، ستظهر الرسالة التالية:

لا يوجد اي معلومات

الفقرة 9: البحث

توفر صفحة البحث خمس خيارات ليتم البحث عنها و يتم تحديد هذه الخيارات من القائمة في اعلى الصفحة و الموضحة في الشكل التالي:

خيار البحث	جدول التعرفة
الرءاء الإءءبار	
الإءافاءاء	
البلاءاء و الأءماءاء	
ءءول الأءرفء	
أراءاء الأءصفاء	
ضراءب ورسوم آراءى	

الشكل 28: خيارات البحث

عند اختيار اي من الخيارات الواردة مسبقا في الشكل سيتمكن المستخدم من مشاهدة نتائج البحث كما ورد في الفقرات السابقة، وسيتمكن من تحديد نتائج البحث المرادة من خلال إدخال كلمة مرتبطة في الحقل المخصص لذلك و المبين ادناه:

كلمة مرتبطة بالبحث

الشكل 29: كلمة مرتبطة بالبحث

اما بما يخص البحث المتعلق بجدول التعرفة فسيظهر حقل بند التعرفة التالي

بند التعرفة	80
-------------	----

الشكل 30: بند التعرفة

والذي يوفر للمستخدم امكانية تحديد نتائج البحث طبقا لرمز التعرفة المرغوب به و يمكن للمستخدم ادخال رقم بند التعرفة و الارقام المشكلة لبداية بند التعرفة ليظهر بند التعرفة المدخل و البنود الموجودة من ضمنه.

، ثم الضغط على زر البحث (بحث) .

عند ضغط زر البحث ستظهر نتائج جدول التعرفة كما يلي:

The screenshot shows the website for the Jordanian Customs Tariff System. At the top, there is a header with the Jordanian flag and the text 'المملكة الأردنية الهاشمية'. Below this is a navigation menu with 'دائرة الجمارك' (Customs Directorate) highlighted. The main content area features a search form with a dropdown menu for 'جدول التعرفة' (Tariff Schedule) set to '80'. To the right of the search form is a sidebar with a 'بحث' (Search) button and a list of menu items including 'تحديث معلومات المشترك', 'تفاصيل الاشتراك', 'جدول التعرفة', 'قرارات التصنيف', 'الإقطاعات', 'التعليمات', 'ضوابط أخرى', 'بحث', 'تغيير كلمة السر', 'طلب تصنيف', and 'خروج'. Below the search form is a table with the following columns: 'رقم الوصف' (Description Number), 'رمز التعرفة' (Tariff Code), and 'الوصف' (Description). The table lists various tariff items such as 'فستيان وعيدان وزوايا وأشكال خاصة (بروفيلات) وإسلاك ، من فستدير' with a tariff code of 80030000 and a rate of 15. Other items include 'السكود من قبل المصانع كمدخلات إنتاج', 'فستدير و مصنوعاته', 'مصنوعات أخرى من فستدير', 'موسير وأنابيب ولوازم موسير أو أنابيب (مثل الوصلات أو الإكمام) ، من فستدير', 'أوراق من فستدير (لأن كانت مطبوعة أو مثبثة على حامل من ورق أو ورق مقوى أو لائن أو حوامل مماثلة) ، لا يتجاوز سمكها 0,2 مم (باستثناء سمك اللامين) ؛ مساحيق ورقائق من فستدير', 'غيرها', 'فستالات وخردة من فستدير', 'فستدير غير مغلوط', and 'ألواح ومصطلم وهد وشرطه ، من فستدير ، يزيد سمكها عن 0,2 مم'. The table ends with a page number '12'.

الشكل 31: بند التعرفة

مما يمكن المستخدم من الوصول للبند المرغوب في شجرة التعرفة من خلال الضغط على الرابط في عمود "الوصف" فيظهر البند المختار باللون الأزرق للدلالة على موقعه كما في الشكل التالي:

The screenshot shows a tree view of the tariff system. The root node is 'التعريف' (Tariff). Underneath it are several categories: 'حيوانات حية ومنتجات المملكة الحيوانية', 'منتجات المملكة النباتية', 'شعوم و دهون و زيوت حيوانية أو نباتية، منتجات تفككها، دهون غذائية محضرة شموع من أصل حيواني، أو نباتي', 'منتجات صناعة الأغذية، مشروبات، سائل كحولية وخبز، خبز و آبدان تخم مصنعة', 'منتجات معدنية', 'منتجات الصناعات الكيماوية أو الصناعات التي تليها', 'لائن و مصنوعاتها، مطاط و مصنوعاته', 'جلود خازر و جلود مدبوبة و جلود بقر و مصنوعاته', 'خشب و مصنوعاته، قصب خشبي، قطن و مصنوعاته، مصنوعات من الفلين و المطاط أو غيرها من مواد الصنوبر ، أصناف صناعات الخشب و السلال', 'عجينة الخشب أو غيرها من عجائن مواد ليفية سلولوزية (غابات و فضلات) ورق، أو ورق مقوى (كرتون) مسطح وورق، وورق مقوى و مصنوعاته', 'مواد نسجية و مصنوعاتها', 'أحذية، أغطية رأس، ملابس مطر و شمس، عصي و عصي مطاوع، سباط وأجزاء هذه الأصناف، ريش محضر و أصناف من ريش، أو خازر اصطناعية، مصنوعات من شعر بشري', 'مصنوعات من حجر أو جص أو إسمنت أو حرير صغرى أو ميكا أو من مواد مماثلة، منتجات من خزف، زجاج و مصنوعاته', 'لؤلؤ طبيعي أو مستنبت، أحجار كريمة أو شبه كريمة، معادن كريمة، معادن كريمة، معادن مكسوة بفضة من معادن كريمة و مصنوعات هذه المواد، حلي الخوازيق (مقلدة) نقد', 'معادن عادية و مصنوعاتها', '72 - حديد صلب (ظهور) ، حديد و صلب (فولاد)', '73 - مصنوعات من حديد صلب (ظهور) أو حديد أو صلب (فولاد)', '74 - نحاس و مصنوعاته', '75 - نيكيل و مصنوعاته', '76 - التيتانيوم و مصنوعاته', '77 - (فصل احتياطي) لاستعمال لاحق محتمل في النظام للمنسوخ', '78 - رصاص و مصنوعاته', '79 - زنك (نونياد) و مصنوعاته', '80 - فستدير و مصنوعاته', '8001 - فستدير وأشكال خام', '80020000 - فستالات وخردة من فستدير', '80030000 - فستيان وعيدان وزوايا وأشكال خاصة (بروفيلات) وإسلاك ، من فستدير', '8004 - ألواح ومصطلم وهد وشرطه ، من فستدير ، يزيد سمكها عن 0,2 مم', '80050000 - أوراق من فستدير (لأن كانت مطبوعة أو مثبثة على حامل من ورق أو ورق مقوى أو لائن أو حوامل مماثلة) ، لا يتجاوز سمكها 0,2 مم (باستثناء سمك اللامين) ؛ مساحيق ورقائق من فستدير', '80060000 - موسير وأنابيب ولوازم موسير أو أنابيب (مثل الوصلات أو الإكمام) ، من فستدير', '8007 - مصنوعات أخرى من فستدير', '81 - معادن عادية أخرى، خلاط خزفية معدنية (سيراميك) ، مصنوعات هذه المواد', '82 - عدد و أدوات، أدوات فاطحة و أدوات مائدة، من معادن عادية، أجزاء هذه الأصناف من معادن عادية', '83 - أصناف متنوعة من معادن عادية'.

الشكل 32: شجرة بنود التعرفة

الفقرة 10: تغيير كلمة السر

الشكل 33: تغيير كلمة السر

يمكن للمستخدم لهذه الشاشة تغيير كلمة السر الخاصة به بعد تعبئة الحقول الظاهرة في الشاشة.

بعد تعبئة جميع الحقول ولإتمام العملية يتوجب على المستخدم الضغط على زر (موافق). في حال عدم تعبئة الحقول المشار بالعلامة (*) تظهر رسالة تنبيهية كما يلي:



الشكل 34: "الرجاء إدخال كلمة السر الحالية"

في حال وجود خطأ في كلمة السر الحالية المدخلة تظهر الرسالة التالية (المعلومات المعطاة خاطئة). وفي حال تمت العملية بنجاح تظهر الرسالة (تم تغيير كلمة السر الخاصة بك).

الفقرة 11: طلب تصنيف

الشكل 35: طلب تصنيف

عبر هذه الشاشة يستطيع المستخدم ارسال طلب تصنيف لسلعة ما. ولفعل ذلك يتوجب عليه تعبئة الحقول بالمعلومات اللازمة والمتوفرة لديه، وهذه الحقول هي:

- رقم الفاكس
- الاسم العلمي
- الاسم التجاري
- الجهة المنتجة
- التغليف
- جهة التصنيع
- الطلب
- البنود الجمركية المقترحة: يمكن للمستخدم تعبئة أي بنود جمركية ممكن أن تكون هذه السلعة تابعة لها.
- ارفاق ملف: لإرفاق ملف يحتوي على تفاصيل السلعة أو أي شروحات للسلعة، وللبحث عن الملف المراد إرفاقه، يتوجب على المستخدم الضغط على زر (Browse...).
- بعد تعبئة جميع الحقول وإتمام العملية يتوجب على المستخدم الضغط على زر (موافق).

الفقرة 12: الخروج

عندما يريد المستخدم الخروج من النظام، عليه الضغط على رابط الخروج (خروج) الموجود في القائمة الرئيسية علي يمين الشاشة.

القائمة الرئيسية
تحديث معلومات المستخدم
تفاصيل الأشتراك
جدول التعرفة
قرارات التصنيف
الإتقافات
التعليمات
ضرائب اخرى
بحث
تغيير كلمة السر
طلب تصنيف
خروج

الشكل 36: القائمة الرئيسية

الفقرة 13: المستخدمين التابعين للدوائر الحكومية

في حال كان المستخدم تابع لدائرة حكومية، فإن القائمة الرئيسية الموجودة على أقصى يمين الشاشة تحتوي على الروابط التالية:

منتديات الحوار
جدول التعرفة
قرارات التصنيف
الإتقافات
التعليمات
ضرائب اخرى
بحث
تغيير كلمة السر
منتديات الحوار
خروج

الشكل 37: القائمة الرئيسية للمستخدمين التابعين للدوائر الحكومية

لقد تم شرح جميع الروابط الموجودة في هذه القائمة سابقا، ما عدا الرابط الخاص بمنتديات الحوار.



الشكل 38: منتديات الحوار

من خلال هذه الشاشة يستطيع المستخدم البحث على منتديات الحوار المدخلة للنظام، وهذا باستخدام حقول البحث التالية:

- اسم الدائرة الحكومية
- عنوان الحلقة
- تاريخ حلقة النقاش : بوفر النظام للمستخدم تقويم حيث يستطيع إختيار التاريخ المعني كما يلي:



الشكل 39: التقويم

في حال ان المستخدم هو من قام بكتابة الموضوع يظهر بجانب الموضوع مربع (☑) يمكن اختياره في حال اراد المستخدم حذف هذا الموضوع و ذلك بعد ان يقوم باختيار الموضوع المراد و الضغط على زر الحذف (حذف حلقة نقاش). وفي حال أراد التعديل،

على المستخدم الضغط على الرابط (تَعدِيل). و لعرض نص الموضوع ليس على المستخدم الى الضغط على الرابط "عنوان حلقة النقاش" ، كما هو مبين:



الشكل 40:رابط "عنوان حلقة النقاش"
بعد الضغط على الرابط اعلاه سوف ينتقل المستخدم الى الشاشة المبينة في (الشكل 38).

الحوان	الدائرة الحكومية
<input type="checkbox"/> الحوان الأول تعديل	موضوع الحوان الاول دائرة الجمارك 09:21:14 2005/07/11 م

حذف

اضغط هنا للعودة للصفحة الرئيسية لخدمات النقاش

إضافة رد للموضوع الحالي

الرد: الحوان الأول

الردود

الموضوع

ارسال

الشكل 41: عرض الموضوع

من خلال هذه الشاشة، يستطيع المستخدم حذف أي الموضوع موجود في الجدول في أعلى الصفحة في حال ان الموضوع كتب من قبله. للقيام بذلك على المستخدم اختيار المربع (☑)، ثم الضغط على زر الحذف (حذف).

ويستطيع المستخدم تعديل الردود على هذا الموضوع او حذف الرد الذي يرغب بحذفه. ومن خلالها أيضاً يستطيع المستخدم إضافة رد للموضوع المعني.

الفقرة 13.2: تعديل الموضوع

إذا أراد المستخدم تعديل الموضوع، عليه الضغط على رابط التعديل (تعديل). وهذا سينقل المستخدم إلى الشاشة التالية:

الشكل 42: تعديل الموضوع

من هذه الشاشة يستطيع المستخدم تعديل الموضوع المعني، ثم الضغط على زر ارسال (ارسال) لإرسالها.



الشكل 43: إضافة حلقة نقاش

إذا اراد المستخدم إضافة موضوع نقاش جديد، يتوجب عليه الضغط على زر "إضافة موضوع جديد" (إضافة حلقة نقاش)، والذي سينقله إلى الشاشة السابقة.

على المستخدم إدخال عنوان حلقة النقاش، والموضوع، ثم اختيار الدوائر الحكومية المعنية بموضوع النقاش من قائمة الدوائر الحكومية بالضغط على زر "إضافة" (إضافة <). إذا أراد حذف دائرة من قائمة الدوائر الحكومية المختارة، عليه اختيار الدائرة المعنية والضغط على زر "حذف" (> حذف). بعد اتمام المطلوب، على المستخدم الضغط على زر "إرسال" (إرسال) فيتم إرسال بريد الكتروني لجميع الدوائر المعنية لإبلاغهم عن حلقة النقاش التي تم إنشائها.

الفقرة 13.4 : تعديل الرد

الحوار		الدائرة
حلقة الحوار الاولى 1		الحكومية
<input type="checkbox"/>	تعديل	موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى موضوع حلقة الحوار الاولى
<input type="checkbox"/>	تعديل الرد	رقم: 7 رقم: 7 رقم: 7 رقم: 7

دائرة الجميلة
#07/14
2005
12.43:14 م

حذف

اضغط هنا للعودة للصفحة الرئيسية لحققات النقاش

إضافة رد للموضوع الحالي

الرد: حلقة الحوار الاولى 1 *

ارسل

معلومات الحوار

جدول التعريف

قرارات التصنيف

الاشتراطات

التعليمات

مضاريف اخرى

بحث

تعيين كلمة السر

معلومات الحوار

خروج

الشكل 44: شاشة تعديل الرد

يستطيع المستخدم من خلال هذه الشاشة تعديل أو حذف الرد الموجود في أعلى الشاشة. للقيام بحذف الرد، عليه اختيار المربع (✓)، ثم الضغط على زر الحذف (حذف). إذا أراد تعديل الرد، يتوجب عليه الضغط على الرابط (تعديل الرد). سينقل المستخدم إلى شاشة التعديل، حيث يستطيع تعديل الرد المعني.

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	ملاحظات	R.H.; A.Z.	الكاتب	1.0	إصدار
	اسم الملف	R.H.	المنقح	2005-06-21	التاريخ
	ملاحظات		الكاتب		التاريخ
	اسم الملف		المنقح		إصدار
	ملاحظات		الكاتب		إصدار
	اسم الملف		المنقح		التاريخ
	ملاحظات		الكاتب		إصدار
	اسم الملف		المنقح		التاريخ
	ملاحظات		الكاتب		التاريخ
	اسم الملف		المنقح		إصدار

الفقرة 1: مقدمة

تهدف هذه الوثيقة إلى توضيح كيفية استخدام النظام من قبل المشغلين وذلك من خلال عرض كافة الشاشات والإجراءات التي تتم عليها.

الفقرة 2: تسجيل الدخول

الشكل 1: تسجيل الدخول

هذه الشاشة هي أول شاشات الموقع الإلكتروني الخاص بدائرة الجمارك الأردنية حيث يمكن للمستخدم الدخول إلى النظام.

شاشة الدخول إلى النظام هي أول شاشة تظهر للمستخدم، و من خلالها يجب إدخال اسم المستخدم و كلمة السر. بعد تزويد النظام باسم المستخدم و كلمة السر يقوم المستخدم بالضغط على زر الدخول (**دخول**). يقوم النظام بالتأكد من صحة اسم المستخدم وكلمة السر قبل السماح له بالدخول.

في حال وجود أي خطأ باحدهم / كلاهما تظهر الرسالة التالية (**خطأ في اسم المستخدم او كلمة السر**). في حال كان اشتراك المستخدم غير مفعّل، تظهر الرسالة التالية (**لا يزال إشتراكك غير مفعّل**). لتفريع الحقول من محتواها، يتوجب على المستخدم الضغط على زر (**تفريع الحقول**).

في حال عدم ضغط زر الدخول قبل ادخال اسم المستخدم يظهر التنبيه التالي:



الشكل 2: "الرجاء إدخال اسم المستخدم"

وفي حال عدم ادخال كلمة السر يظهر التنبيه التالي:



الشكل 3: " الرجاء إدخال كلمة السر "

اما في حال عدم وجود خطأ في اسم المستخدم و كلمة السر ، ينتقل المستخدم الى الشاشة التالية:
الفقرة 2.2: الشاشة الرئيسية



الشكل 4: الشاشة الرئيسية

من خلال هذه الشاشة يستطيع المستخدم الدخول الى جميع اقسام النظام.

الفقرة 2.3: إنتهاء الفترة المحددة لإستخدام النظام

الشكل 5: "نعتذر بفرح عليك تسجيل الدخول مرة اخرى!"

في حال ظهور هذه الشاشة يتوجب على المستخدم تسجيل دخوله مرة اخرى وذلك لمرور فترة زمنية طويلة دون استخدام النظام.

الفقرة 3: المشتركين

المستخدمين

قائمة

3.1:

الفقرة

اسم المشترك	قطاع العمل	البريد الإلكتروني	حالة الاشتراك
محمد سمير	خدمات		مفعل
علاء الأردعيني	اخرى	alcatraz@the-eagles.com	مفعل

المستخدمين

6:

الشكل

من خلال هذه الشاشة يستطيع المستخدم استعراض مستخدمي موقع نظام التعريفية المتكاملة. و تظهر القائمة اسم المشترك، قطاع العمل الذي يعمل به، البريد الإلكتروني الخاص بالمستخدم وحالة الاشتراك لهذا المشترك. كما يستطيع المستخدم أيضا البحث عن المستخدمين وفق:

- الاسم الاول: و ذلك بإدخال الاسم للمستخدم او جزء من الاسم

- اسم العائلة: بإدخال اسم عائلة المشترك او جزء من الاسم
- اسم الشركة: اسم شركة المشترك او جزء من الاسم في حال قام المشترك بتزويد النظام بها
- الحالة: حالة الاشتراك إذا كانت مفعلة و غير مفعلة
- و بواسطة هذه الشاشة ايضا يستطيع المستخدم :
- إضافة مشترك: وذلك بالضغط على زر "إضافة مشترك" (إضافة مشترك)
- تعديل معلومات مشترك: وذلك بالضغط على اسم المشترك.
- حذف مشترك / مشتركين
- تفعيل الاشتراك
- إلغاء تفعيل الاشتراك
- الفقرة 3.2: إضافة مشترك

الشكل 7: إضافة مشترك

بواسطة هذه الشاشة يمكن للمستخدم إضافة مشترك جديد. ولفعل ذلك يتوجب على المستخدم تعبئة الحقول بمعلومات المشترك. بما يخص الحقول المسبوقه بإشارة (*) فهذا يعني انها حقول واجب تعبئتها لإتمام عملية تسجيل مشترك جديد و إن ترك اي منها فارغا فسيظهر تنبيه يشير للحقل الذي ترك الفارغ، مثلا ان لم يدخل الاسم الاول فسيظهر التنبيه التالي:



الشكل 8: "الرجاء إدخال الاسم الاول"

بعد تعبئة جميع المعلومات اللازمة يمكن إضافة المشترك و ذلك بالضغط على زر "موافق" (**موافق**) في اسفل الشاشة. في حال ان اسم المستخدم المعطى للمشارك مستخدم مسبقا فستظهر هذه الرسالة (**اسم المشترك موجود مسبقا**).
اما في حال تمت عملية الإضافة بنجاح فستظهر الرسالة التالية على شاشة قائمة المشتركين (**تم إضافة المشترك بنجاح**).

الفقرة 3.3: تعديل معلومات مشترك

المملكة الأردنية الهاشمية

دائرة الجمارك

قائمة المستخدمين

المستخدمين
المستخدمين
مجموعات المستخدمين
المساهمات
متابعة المشتركين
تغيير كلمة السر
شروع

الاسم الاول:
اسم العائلة:
اسم الشركة:
الحالة:

الكل
تفعيل الحقل

حالة الاشتراك	البريد الإلكتروني	قطاع العمل	اسم المشترك	
مفعل		11	محمد سعيد	<input type="checkbox"/>
مفعل	alcatraz@the-eagles.com	1-	علاء الزعبي	<input type="checkbox"/>

1

إلغاء التفعيل | تفعيل الاشتراك | حذف رقم الهاتف | إضافة مشترك

الشكل 9: تعديل معلومات مشترك

بواسطة هذه الشاشة يمكن للمستخدم تعديل معلومات المشترك الذي قام بالضغط على اسمه في شاشة قائمة المشتركين. ولعل ذلك يتوجب على المستخدم تعبئة الحقول بمعلومات المشترك التي يرغب بتعديلها. بما يخص الحقول المسبوقة بإشارة (*)، فهذا يعني انها حقول واجب تعبئتها لإتمام العملية. بعد تعبئة جميع المعلومات اللازمة يمكن إتمام العملية و ذلك بالضغط على زر "موافق" (موافق) في اسفل الصفحة. في حال ان اسم المستخدم المعطى للمشارك مستخدم مسبقا فستظهر هذه الرسالة (اسم المشترك موجود مسبقا).

اما في حال تمت عملية الإضافة بنجاح فستظهر الرسالة التالية على شاشة قائمة المشتركين (تم تعديل معلومات المشترك بنجاح).

الفقرة 3.4: تفعيل الاشتراكات

لتفعيل اشتراك احد المشتركين او مجموعة من المشتركين على المستخدم اختيار المربع امام المشترك المراد تفعيله. في حال تمت **تفعيل الاشتراك** اشتراكه في شاشة قائمة المشتركين و من ثم الضغط على زر "تفعيل الاشتراك" (تم تفعيل الاشتراك بنجاح العملية بنجاح ستظهر رسالة في اسفل الشاشة للدلالة على ذلك).

الفقرة 3.5: إلغاء تفعيل الاشتراكات

لإلغاء تفعيل اشتراك احد المشتركين او مجموعة من المشتركين على المستخدم اختيار المربع امام المشترك المراد إلغاء التفعيل. في **إلغاء التفعيل** جعل اشتراكه غير مفعل في شاشة قائمة المشتركين و من ثم الضغط على زر "إلغاء التفعيل" (تم إلغاء التفعيل بنجاح) حال تمت العملية بنجاح ستظهر رسالة في اسفل الشاشة للدلالة على ذلك).

الفقرة 3.6: حذف المشتركين

لحذف مشترك او مجموعة من المشتركين على المستخدم اختيار المربع امام المشترك المراد حذفه في قائمة (سيظهر للمستخدم إستفسار هل **حذف القيم المختارة** المشتركين و من ثم الضغط على زر "حذف القيم المختارة") المستخدم يرغب في إتمام عملية الحذف.



الشكل 10: تأكيد حذف المشترك / المشتركين

في حال رفض إتمام العملية لن يتم حذف اي من المشتركين المختارين. اما في حال الموافقة وإن وجدت معلومات (اما في حال تم حذف المشترك **لا يمكن حذف المشترك لإرتباطه بمعلومات اخرى** اخرى مرتبطة بالمشارك فستظهر الرسالة) (**تمت العملية بنجاح** او المشتركين فستظهر رسالة لتأكيد إتمام عملية الحذف) .

الفقرة 4: مجموعات مشغلي النظام

الفقرة 4.1: قائمة المجموعات



الشكل 15: قائمة مجموعات المستخدمين

باستخدام هذه الصفحة يمكن للمستخدم استعراض جميع مجموعات المستخدمين او تحديد طبيعة النتائج التي يرغب بها و ذلك عبر تحديد:

- اسم المجموعة: حيث يمكن إدخال اسم المجموعة او جزء من الاسم

- حالة المجموعة: مفعلة، غير مفعلة او كلاهما و ذلك بأختيار "الكل" من قائمة "حالة المجموعة":

(في اسفل شاشة قائمة مجموعات المستخدمين **لا يوجد معلومات** في حال عدم وجود معلومات ستظهر الرسالة) و من خلال هذه الشاشة ايضا يمكن للمستخدم الوصول لشاشة إضافة مجموعة مستخدمين جديدة و ذلك بالضغط على (و يستطيع التعديل على معلومات المجموعة وذلك بالضغط على الرابط **إضافة مجموعة** زر "إضافة مجموعة") الذي يشكله اسم المجموعة او حذف مجموعة مستخدمين او اكثر.

الفقرة 4.2: إضافة مجموعة مستخدمين

من خلال هذه الشاشة يمكن للمستخدم إضافة مجموعة مستخدمين جديدة و لفعل ذلك يتوجب عليه ادخال اسم المجموعة و من ثم اختيار حالة المجموعة. بعد فعل ذلك و حفظ معلومات المجموعة الجديدة يقوم المستخدم بالضغط على زر "موافق" (موافق).

الشكل 16: إضافة مجموعة مستخدمين

في حال لم يتم المستخدم بإدخال المعلومات المطلوبة كاسم المجموعة مثلا سيظهر تنبيه ليشير للمعلومة التي لم تدخل كما في الشكل التالي:



الشكل 17: "الرجاء ادخال اسم مجموعة المستخدمين"

في حال ان جميع المعلومات قد ادخلت بشكل صحيح ستظهر الرسالة (**تم إضافة مجموعة جديدة بنجاح**) على شاشة قائمة المستخدمين. و في حال وجدت مجموعة تحمل نفس الاسم سابقا ستظهر الرسالة (**المعلومات المدخلة موجودة مسبقا**) .

الفقرة 4.3: تعديل معلومات مجموعة مستخدمين

من خلال هذه الشاشة يمكن للمستخدم تعديل معلومات مجموعة مستخدمين. ولفعل ذلك يتوجب عليه ادخال اسم المجموعة الجديد او تعديل حال المجموعة. بعد فعل ذلك و لحفظ معلومات المجموعة المعدلة يقوم المستخدم بالضغط على زر "موافق".

الشكل 18: تعديل معلومات مجموعة المستخدمين

في حال عدم تزويد النظام بمعلومات المجموعة المطلوب إدخالها فسيظهر تنبيه كما شرح في (الفقرة 5.2 إضافة مجموعة مستخدمين).

في حال ان جميع المعلومات قد ادخلت بشكل صحيح ستظهر الرسالة (**تم التعديل بنجاح**) على شاشة قائمة المستخدمين. و في حال وجدت مجموعة تحمل نفس الاسم سابقا ستظهر الرسالة (**المعلومات المعدلة خاصة بمجموعة اخرى**) .

الفقرة 4.4: حذف مجموعة/مجموعات المستخدمين

لحذف مجموعة مستخدمين او اكثر يتوجب اختيار المربع امام المجموعة المراد حذفها في قائمة مجموعات (سيظهر للمستخدم إستفسار **حذف القيم المختارة** للمستخدمين و من ثم الضغط على زر "حذف القيم المختارة") هل المستخدم يرغب في إتمام عملية الحذف.



الشكل 19: تأكيد حذف مجموعة مستخدمين

في حال رفض إتمام العملية لن يتم حذف اي مجموعة للمستخدمين. اما في حال الموافقة وإن وجدت معلومات اخرى (اما في حال تم حذف المجموعة **المعلومات المراد حذفها مستخدمة في عملية اخرى** مرتبطة بالمجموعة فستظهر الرسالة) (**تم حذف البيانات المختارة بنجاح** فستظهر رسالة لتأكيد إتمام عملية الحذف) .

الفقرة 5: مشغلي النظام

الفقرة 5.1: قائمة المستخدمين

حالة المستخدم	مجموعة المستخدمين	اسم المستخدم	<input type="checkbox"/>
فعال	Administration	admin	<input type="checkbox"/>
غير فعال	Administration	علاء	<input type="checkbox"/>

الشكل 11: قائمة المستخدمين

من خلال هذه الشاشة يستطيع المستخدم عرض جميع المستخدمين للنظام. و يستطيع ايضا تحديد طبيعة عرض المستخدمين وفق:

- مجموعة المستخدمين: و ذلك لتحديد مجمعة المستخدمين المرغوب بإستعراض مستخدميها.
- اسم المستخدم: يمكن إدخال اسم المستخدم او جزء من الاسم لاستعراض جميع من تتوافق اسمائهم و الاسم المدخل في الحقل
- حالة المستخدم: و ذلك لتحديد استعراض المستخدمين المفعلين، غير المفعلين او جميع المستخدمين

بعد هذه الخطوات و لاستعراض المستخدمين بتوجب على المستخدم ضغط (**بحث**) .في حال عدم وجود مستخدمين يطابقون شروط البحث ستظهر رسالة (**لا يوجد معلومات**) في اسفل الصفحة.

الشكل 12: إضافة مستخدم

- (في شاشة قائمة المستخدمين يصل المستخدم للشاشة **إضافة مستخدم** بواسطة الضغط على زر "إضافة مستخدم")
 الظاهرة في الشكل السابق. ومن خلال هذه الشاشة يمكن إضافة مستخدم جديد. وذلك بعد تعبئة جميع الحقول اللازمة
 (. بعد الضغط **موافق** لإتمام عملية الإضافة. وبعد تعبئة هذه الحقول يتوجب الضغط على زر "موافق")
 (لم تكن مدخلة سيظهر تنبيه يشير * على "موافق" و في حال ان اي من الحقول المشار بجانبها بالإشارة الحمراء
 (في أسفل **تمت إضافة المستخدم بنجاح** الى الحقل الواجب تعبئته. في حال كانت جميع الحقول مدخلة فستظهر الرسالة)
 شاشة قائمة المستخدمين. هذا ان لم يظهر اي خطأ عند تنفيذ عملية الحفظ. اما في حال كان رمز دخول المستخدم
 (. **رمز دخول المستخدم مدخل مسبقا** موجود مسبقا فستظهر رسالة تشيير ان رمز الدخول موجود مسبقا في اسفل الصفحة)

الفقرة 5.3: تعديل معلومات مستخدم

الشكل 13: تعديل معلومات مستخدم

للوصل لشاشة تعديل معلومات المشترك، يتوجب الضغط على الرابط الذي يشكله اسم المستخدم و الظاهر في شاشة قائمة المستخدمين. ومن خلال هذه الشاشة يمكن التعديل علم معلومات مستخدم للنظام. وذلك بعد تعبئة جميع الحقول (في حال موافق) اللازمة لإتمام عملية التعديل. وبعد تعبئة هذه الحقول يتوجب الضغط على زر "موافق" (في أسفل شاشة قائمة **تم تعديل معلومات المستخدم بنجاح** كانت جميع الحقول المطلوبة مدخلة فستظهر الرسالة (المستخدمين. هذا ان لم يظهر اي خطأ عند تنفيذ عملية الحفظ. اما في حال كان رمز دخول المستخدم يخص مستخدما **معلومات خاصة بمستخدم آخر** فستظهر رسالة تشيير ان رمز الدخول موجود مسبقا في اسفل صفحة تعديل المعلومات (.(

الفقرة 5.4: حذف مستخدم / مستخدمين

لحذف مستخدم او مجموعة من المستخدمين يتوجب اختيار المربع امام المستخدم المراد حذفه في قائمة المستخدمين (سيظهر للمستخدم إستفسار هل المستخدم **حذف القيم المختارة** و من ثم الضغط على زر "حذف القيم المختارة" (يرغب في إتمام عملية الحذف.



الشكل 14: تأكيد حذف المستخدمين

في حال رفض إتمام العملية لن يتم حذف اي من المستخدمين. اما في حال الموافقة وإن وجدت معلومات اخرى (اما في حال تم حذف المستخدمين **المعلومات المراد حذفها مستخدمة في عملية أخرى** مرتبطة بالمستخدم فستظهر الرسالة (.(**تم حذف البيانات المختارة بنجاح** فستظهر رسالة لتأكيد إتمام عملية الحذف)

الفقرة 6: الصلاحيات

اسم الصلاحية	ملاحظة	إضافة	تعديل	حذف
المشتركين		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
منتديات الوار		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
المستخدمين		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
مجموعات المستخدمين		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
الصلاحيات		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
متابعة المشتركين		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
منتديات النظام		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

الشكل 20: الصلاحيات

عبر شاشة الصلاحيات يتم اعطاء كل مجموعة مستخدمين الصلاحيات التي يرغب المستخدم بإعطائها لهذه المجموعة.

و تتم هذه العملية من خلال إختيار اسم المجموعة و من ثم إختيار الصلاحية المراد اعطائها لكل نظام فرعي على (. وبهذا تظهر رسالة في اسفل الشاشة لتأكيد **موافق** حدى و لإتمام العملية يجب الضغط على زر "موافق") (هذا في حال ان الصلاحيات اعطيت للمرة الاولى اما في حال **تمت اضافة الصلاحيات بنجاح** إتمام العملية و نجاحها) (. **ثم تعديل الصلاحيات للمجموعة بنجاح** تعديل الصلاحيات للمجموعة و في حال نجاح عملية التعديل تظهر الرسالة)

الفقرة 7: متابعة المشتركين

اسم المستخدم	وصف المادة	التاريخ
دائرة الجمارك	منتديات مدنية	10:07:19 2005/11/07 م
دائرة الجمارك	منتديات مدنية	10:07:19 2005/11/07 م
دائرة الجمارك	منتديات مدنية	10:07:19 2005/11/07 م
علاء الرعيبي	منتديات مدنية	10:07:19 2005/11/07 م
دائرة الجمارك	منتديات المملكة الهاشمية	03:00:11 2005/12/07 م

الشكل 21: متابعة المشتركين

من خلال شاشة متابعة المشتركين يستطيع المستخدم معرفة المشترك و البنود الجمركية التي استفسر عنها على الموقع الالكتروني الذي توفره دائرة الجمارك للعامّة ومعرفة وقت الاستفسار عن هذا البند. ويستطيع المستخدم تحديد الفترة الزمنية التي يرغب بالبحث ضمنها عن نشاطات المشتركين. (. **لا يوجد معلومات** في حال لم تكن هنالك اي معلومات ستظهر الرسالة التالية في اسفل الصفحة)

و لا تظهر هذه المعلومات الى إذا حدد المعنيون من دائرة الجمارك إن كان هذا البند يجب متابعة المستفسرين عن هذا البند.

الفقرة 8: متغيرات النظام

The screenshot shows a web interface for the Jordanian Customs Directorate. The page title is 'دائرة الجمارك'. The header includes the Jordanian flag and the text 'المملكة الأردنية الهاشمية'. The main content area contains a configuration form with the following fields and options:

- الملف الافتراضي: http://inetpubwwwroot/cits/IPDF
- الملف على الموقع: http://localhost/cits/IPDF
- طريقة تفعيل الاشتراكات: تفعيل يدوي تفعيل ذاتي
- إرسال بريد إلكتروني:
- عدد صفوف القوائم: 5
- عدد الصفحات المستعرضة: 10
- مركز إرسال البريد الإلكتروني: husky4
- تاريخ آخر تعديل: 2005/7/11
- التعديل تم من قبل: admin

Buttons at the bottom of the form are 'تطبيق التغييرات' and 'حفظ'.

الشكل 22: متغيرات النظام

- من خلال شاشة متغيرات النظام يمكن تحديد
- الملف الافتراضي: و هو الملف الذي سيتم حفظ الوثائق و الملفات التي سترفع عبر الموقع به.
- الملف على الموقع: و هو الملف الذي يحتوي على الملفات في الموقع و الذي سيستخدم لتحديد الموقع الذي سيتم منهفتح هذه الملفات.
- طريقة تفعيل الاشتراك: إما ان تكون ذاتيا و ذلك بتفعيل جميع الاشتراكات فور طلب المشترك الاشتراك على موقع دائرة الجمارك الإلكتروني. و إما ان يتم ذلك يدويا اي بعد موافقة المسؤولين عن الموقع بتفعيل الاشتراك.
- عدد صفوف القوائم: اي تحديد عدد الصفوف الظاهرة في القوائم على الموقع.
- عدد الصفحات المستعرضة: اي تحديد عدد الصفحات التي يتم ترقيمها في اسفل القوائم في الموقع.
- مركز إرسال البريد: اي الجهاز الرئيسي المسؤول عن ارسال البريد الإلكتروني و ذلك لاستخدامه في حال تفعيل اشتراك او في حال ارسال التعديلات التي يرغب المشتركين بالمعرفة عنها عند حصولها.
- ستظهر رسالة تأكيد حفظ المعلومات **موافق** بعد إدخال هذه المعلومات و الضغط على زر "موافق" (**تمت العملية بنجاح** المدخلة في شاشة ثوابت النظام)

الفقرة 9: تغيير كلمة السر

الشكل 23: تغيير كلمة السر

يمكن للمستخدم لهذه الشاشة تغيير كلمة السر الخاصة به بعد تعبئة الحقول الظاهرة في الشاشة. (في حال عدم موافق بعد تعبئة جميع الحقول وإتمام العملية يتوجب على المستخدم الضغط على زر موافق)
تعبئة الحقول تظهر رسالة تنبيهية كما يلي:



الشكل 24: "الرجاء إدخال كلمة السر الحالية"

في حال ادخل المستخدم كلمة السر الجديدة و تأكيد كلمة السر و تبين انهما ليستا متشابهتين يظهر النتية التالي:



الشكل 25: "خطأ في تأكيد كلمة السر"

في حال وجود خطأ في كلمة السر الحالية المدخلة تظهر الرسالة التالية (المعلومات المعطاة خاطئة). وفي حال تمت العملية بنجاح تظهر الرسالة (تم تغيير كلمة السر الخاصة بك).

الفقرة 10: الخروج

(الموجود في القائمة الرئيسية خروج عندما يريد المستخدم الخروج من النظام، عليه الضغط على رابط الخروج) على يمين الشاشة.

القائمة الرئيسية
المشتركين
المستخدمين
مجموعات المستخدمين
الصلاحيات
متابعة المشتركين
تغيير كلمة السر
خروج

الشكل 26: القائمة الرئيسية

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228.....	T الشكل 2: "الرجاء إدخال اسم المستخدم" T
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229.....	T الشكل 4: الشاشة الرئيسية T
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Appendix L – Top task level project plan

\\Amir-cl\amir work\Central Files\Task Tracking\PSP\555-560 CRM\555.01_560 Comprehensive Integrated Tariff System DRAFT Aug 05 LDvorsky RHaddad MSaid

