

UNECE

Establishing a Legal Framework for an International Trade Single Window

Recommendation No. 35



**United Nations Centre for Trade Facilitation
and Electronic Business (UN/CEFACT)**



UNITED NATIONS

United Nations Economic Commission for Europe

United Nations Centre for Trade Facilitation and Electronic Business

Establishing a Legal Framework for an International Trade Single Window

Recommendation 35



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Simple, Transparent and Effective Processes for Global Commerce

UN/CEFACT's mission is to improve the ability of business, trade and administrative organizations, from developed, developing and transitional economies, to exchange products and relevant services effectively. Its principal focus is on facilitating national and international transactions, through the simplification and harmonization of processes, procedures and information flows, and so contribute to the growth of global commerce.

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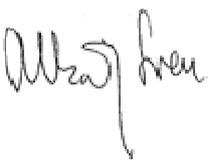
Foreword

UNCEC recommended in July 2005 that Governments establish a Single Window facility that allows parties involved in trade and transport to lodge standardized information and documents with a single entry point to fulfill all import, export, and transit-related regulatory requirements (UNECE Recommendation 33). Since that time, Single Window facilities have been established in over 70 countries and have been a major catalyst in implementing trade facilitation reforms.

Among the first tasks in establishing a Single Window facility in a country is a timely and thorough analysis of existing and potential legal barriers related to trade data exchange, based on a review of the established practices governing the flow of trade-related information. Setting up a Single Window facility entails changes and clarifications to existing data exchange processes and hence, to existing laws and regulations, such as laws on electronic submission of documents, electronic signatures including digital signatures, data retention and electronic evidence, to name a few. Recommendation Number 35 was developed in response to requests from stakeholders on how to approach the common legal issues encountered when introducing a Single Window facility. It provides advice and guidance on these matters in the form of a checklist of common legal issues encountered when introducing a Single Window facility.

The publication of Recommendation 35 adds to the suite of products offered by UNECE to assist with the establishment of a Single Window. There is no particular or special sequence in which UNECE Recommendations on Establishing a Single Window should be used or applied. Implementers should take the suite of available Recommendations and work on the strategy, policy, technical, data harmonization and legal frameworks simultaneously.

I am convinced that this Recommendation will be immensely useful to those engaged in the establishment of Single Window facilities and I therefore invite all concerned actors, both public and private, to make effective use of this Recommendation..



Sven Alkalaj
Executive Secretary
United Nations Economic Commission for Europe

Contents

Foreword by the Executive Secretary of the United Nations Economic Commission for Europe	iii
Background.....	1
Introduction	1
I. Scope	2
II. Benefits.....	2
III. Use of international standards.....	2
IV. Recommendation	3
Annex I: Checklist of legal issues for single window operations: guidelines to the recommendation on establishing a legal framework for international trade single window	4
Annex II: Checklist guidelines.....	5
Annex III: Toolkit	13

Background

Since its publication in July 2005, UN/CEFACT Recommendation 33 – Recommendation and Guidelines on Establishing a Single Window - has assisted Governments and the business sector to enhance the efficient exchange of trade related information to meet the regulatory and administrative requirements of international trade. The Recommendation and its Guidelines provide practical advice for planning and implementing a Single Window facility and offer guidance on its sustainable operation and future development. Further the Recommendation identifies the available international standards to help effective introduction of a Single Window and to realise optimum benefits to Government and significant gains for the trading community.

Over 30 countries from all regions of the world have introduced a Single window facility and have achieved considerable advantage through the reduction of time and resources in preparing, presenting and processing official information requirements. Equally, Single Window facilities often result in a decrease in trade transaction costs, improved trader compliance through more accurate and timely data submission with an associated increase in government revenues, and more efficient and effective border management and controls.

A UNECE Single Window Repository contains Case Studies that complement Recommendation 33 and offers examples of the business models adopted for existing or planned Single Window facilities. The Case Studies provide an insight into the planning and implementation of a Single Window and share experiences on a wide range of topics from initial concept and identification of benefits, through services provision and technology options to promotion and communication and future plans.

The United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) provides practical tools to facilitate the introduction of Single Window facilities. This Recommendation extends that support by helping countries and economies address legal issues related to national and cross-border exchange of trade data required for Single Window operations.

Recommendation 35 – Establishing a Legal Framework for an International Trade Single Window responds to the stakeholder request to provide advice and guidance in the form a Checklist of the common legal issues encountered when introducing a Single Window facility. The Recommendation is applicable to each of the different models of Single Windows described in Recommendation 33. However, the more complex a Single Window solution is, the more urgent is the need to consider legal aspects for the planning, implementation and operation of a Single Window facility. The Recommendation reflects general legal concerns, drawing on the experience from the Single Windows models documented in the UN Single Window Repository as well as experiences from diverse Single Window development efforts around the world.

The publication of Recommendations 35 adds to the suite of products offered by UN/CEFACT to assist with establishment of a Single Window. There is no particular or special sequence in which UN/CEFACT Recommendations on Single Windows should be used or applied. The planners, especially the Lead Agency, and implementer together with any chosen or identified operators should take the set of available Recommendations and work on the strategy, policy, technical, data harmonization and legal frameworks simultaneously.

Introduction

Single Window facilities are increasingly used around the world as a tool to simplify and make more efficient and effective the data submission process for import and export operations. In many countries and economies, the introduction of such a facility has brought substantial benefits both to the Government and the trading community¹ and several regional organizations (the Association of Southeast Asian Nations (ASEAN)², the Eurasian Economic

¹ See generally, the UN/ECE Single Window Repository at http://www.unece.org/cefact/single_window/welcome.htm

² Association of Southeast Asian Nations.

Recommendation No. 35

Community (Eurasec)³ and the Asia-Pacific Economic Cooperation (APEC)⁴ are currently evaluating the prospect of implementing a regional Single Window⁵.

At the same time, establishing a Single Window is a complex process, requiring among others measures, a thorough review of the established practices governing the flow of trade-related information. It entails changes and clarifications to the data exchange process and, hence, to existing laws and regulations. Creating legally enabling conditions for an International Trade Single Window constitutes, therefore, one of the main challenges for countries and economies establishing such a national facility and/or seeking to exchange information with other Single Windows.

The United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) provides countries and economies with practical tools to facilitate introduction of Single Window facilities and to ensure their interoperability. This Recommendation extends that support by helping countries and economies address legal issues related to national and cross-border exchange of trade data required for Single Window operations.

An implementing agency may work on the policy, technical and legal frameworks suggested by each Recommendation simultaneously.

I. Scope

Within the context of this Recommendation, a legal framework for an International Trade Single Window is defined as a set of measures that may need to be taken to address legal issues related to national and cross-border exchange of trade data required for Single Window operations.

Establishing a Single Window often requires changes to the existing legislation and regulations, for example, laws on electronic submission of documents, electronic signatures including digital signatures, user and message authentication, data sharing, data retention, destruction, and archiving, and electronic evidence, among others. However, it is possible to create a Single Window without major legislative changes. In all cases existing regulations and practices governing the flow of trade-related information influence the choice of the business and operational model for a Single Window facility. A timely analysis of existing and potential legal barriers related to trade data exchange is, therefore, a first major step in establishing and operating a Single Window. Such an analysis should take into account the broader context of international trade in which the Single Window exists. The concept of *framework* implies an inclusive and systematic approach in addressing the legal issues related to an International Trade Single Window facility.

II. Benefits

Essential to all Single Window operations is the transparency and security of trade data information exchange. A sound legal regime, which enables data collection, access and distribution and clarifies confidentiality, privacy and liability regimes, makes it possible to create a solid basis for the operation of the facility, and build a relationship of trust between all stakeholders.

III. Use of international standards

The use of international standards is a necessary and key component of the Single Window implementation and operation processes. It allows for the scalability of provided services and ensures an easier interaction between all participants in an international supply chain. Since Single Windows are designed for Business to Government (B2G) and Government to Government (G2G) relations, attention should be paid to the fact that their operation is interoperable with existing solutions in Business to Business (B2B), B2G and G2G relations.

³ Eurasian Economic Community

⁴ Asia-Pacific Economic Cooperation.

⁵ Presentations at the SW Symposium of May 2006

The United Nations legal codification work in electronic commerce, undertaken by the United Nations Commission on International Trade Law (UNCITRAL) should be taken into account and used, whenever possible as the benchmark for developing the Single Window legal infrastructure for both national and international transactions.

IV. Recommendation

The United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT), recognizing that a sound legal framework is required to support the operations of an International Trade Single Window, recommends that governments and those engaged in the international trade and movement of goods should:

- (a) Undertake a study (including e-Commerce legal benchmarking and ‘gap analysis’ studies) to determine an appropriate set of measures that may need to be taken to address legal issues related to national and cross-border exchange of trade data required for Single Window operations (The International Trade Single Window legal framework);
- (b) Use the UN/CEFACT checklist and its guidelines (Annexes I and II) to ensure the most frequent legal issues related to national and cross-border exchange of trade data are included in the framework;
- (c) Amend existing legislation, regulations, decrees, etc., if necessary, to address the identified legal issues and gaps;
- (d) Utilize international standards, international legal instruments, and soft law instruments, where available, throughout the entire process of creating a legally enabling environment for an International Trade Single Window.

Annex I

Checklist of legal issues for single window operations: guidelines to the recommendation on establishing a legal framework for international trade single window

When a national or regional Single Window is established, legal issues mentioned in this checklist may arise.⁶ It is important to note that this list is not exhaustive. Depending on the actual implementation of the Single Window facility, legal issues not mentioned in this Annex may arise. For many governments, this beginning list of legal issues will provide the basis for discovering other issues related not only to B2G and G2B transactions but also to the broader B2B environment nationally and internationally.

In those instances where the implementation of an “electronic” Single Window facility is contemplated, it may be important for a country to review its general legal framework for electronic commerce, including electronic communications and electronic signatures. This may be particularly true in light of the desirability not only for the Single Window interactions with businesses (B2G) in the Single Window but also to promote the use of electronic means outside the Single Window environment.

- (a) Has the legal basis for the implementation of the Single Window facility been examined/established;
- (b) Has an appropriate organizational structure for the establishment and operation of a Single Window facility been chosen?
- (c) Are proper identification, authentication and authorization procedures in place?
- (d) Who has the authority to demand data from the Single Window?
- (e) When and how data may be shared and under what circumstances and with what organizations within the government or with government agencies in other countries and economies?
- (f) Have proper data protection mechanisms been implemented?
- (g) Are measures in place to ensure the accuracy and integrity of data? Who are the responsible actors?
- (h) Are liability issues that may arise as a result of the Single Window operation addressed?
- (i) Are there mechanisms in place for dispute resolution?
- (j) Are procedures in place for electronic archiving and the creation of audit trails?
- (k) Have issues of intellectual property and database ownership been addressed?
- (l) Are there any situations where competition issues may arise?

⁶ It is important to distinguish between national and regional (or transnational) Single Windows. Where a national Single Window is established, attention is primarily paid to the legal regime of the state concerned, including the international agreements binding the state. A regional Single Window, however, must in principle observe the requirements of all states it is serving but being mindful as well of the broader trade opportunities for members of such regional group beyond the member-countries themselves.

Annex II

Checklist guidelines

Issue	Guidelines
<p>Legal basis for implementing a Single Window facility</p>	<p>It is important to establish the legal basis for the operation of the Single Window in national law and regulations. A thorough review of existing legislation, regulations and decrees should be conducted to ensure that the operation of the Single Window facility complies with current national (and international) law and to identify any “gaps” that may exist as well as the method(s) for addressing them. It is important, to the extent possible, to incorporate “international standards” and best practices when developing legislation and regulations at the national level in order to be in a position to achieve international “legal interoperability” as trade through the national Single Window grows. For example, the principles of ‘non-discrimination’ between paper and electronic documents or messages and ‘technology neutrality’ are important considerations for both a domestic legal framework and for legal interoperability at the international level.</p> <p>If there is no legal basis for the establishment of a Single Window, one must be created in national law. And when establishing the legal authority for the national Single Window, governments should explicitly authorize cross-border transactions in such laws, regulations and/or decrees. When national Single Window facilities cooperate on an international level, bi-lateral or multi-lateral agreements often need to be established to govern the operations of each Single Window and take into account a variety of legal issues that may arise between cooperating countries and economies to allow legal interoperability between national and/or regional Single Windows. One key issue in such agreements will be the terms for mutual recognition of electronic documents and data messages that may be exchanged between Single Window facilities (as well as private sector parties utilizing the single facilities.) Underlying such agreements on mutual recognition will be considerations related to security measures (e.g., the level of encryption that may be required), secure data storage issues, requirements for acceptance of cross-border certifications if necessary, and so on.</p> <p>It is recognized that managing many bilateral and/or multilateral agreements, as the number of Single Window trading partner countries and economies grow, can be a difficult task at least until such time as an international “framework” emerges for such agreements. Countries and economies should involve their foreign ministries early in Single Window development efforts to assist in managing this process. [Note: there are other areas when the use of such agreements is mentioned and the same considerations apply.]</p>

Issue	Guidelines
<p>Legal basis for implementing a Single Window facility (continued)</p>	<p>In the event that disputes arise, whether at the national or international levels and whether between government agencies and private sector parties or between private sector parties, special consideration should be given to issues that may arise with respect to the admissibility of electronic evidence in courts or administrative tribunals (including processes for the discovery of information and data in electronic form.) The principle of “non-discrimination” between paper and electronic documents should be applied to judicial rules of evidence so that electronic documents or data messages will not be denied admissibility in such proceedings. This, of course, will lead to considerations, typical of most evidential requirements, of how electronic documents and data will be stored, secured, etc., so as to insure the level of reliability required for such documents or data messages to be admitted in such proceedings. Additionally, these considerations must be taken into account in cross-border transactions to insure that electronic documents and data messages are admissible in judicial proceedings in foreign jurisdictions as well as being admissible in domestic proceedings.</p> <p>A further consideration in cross-border Single Window transactions will be issues of jurisdiction over parties transacting business through the national Single Window of two or more countries and (or) economies as well as choice of law questions, that is, which country’s laws will be applied to the parties engaged in a dispute or in a criminal or enforcement matter. These types of issues should be explicitly addressed both in national law and regulations as well as in any bilateral or multilateral agreements between cooperating national Single Window facilities. (It might be noted that at the private sector level, i.e., between parties that have entered contracts for the sale or purchase of goods, those parties may wish to negotiate terms in their international contracts dealing with jurisdiction and choice of law at least to the extent that government enforcement action⁷ is not involved and such terms do not violate public policy in countries or economies in which these private parties contract between themselves.)</p>

⁷ It should be clear that where government action is involved, including criminal and civil enforcement actions, private parties cannot ordinarily make jurisdiction or choice of law decisions in private contracts.

Recommendation No. 35

Issue	Guidelines
Single Window facility structure and organization	<p>Single window facilities can be established in a number of different ways, not only from a technological viewpoint, but also from an organizational viewpoint. The way in which a Single Window is structured plays an important role with respect to possible legal issues that may arise. Single windows can be established by governmental organizations (such as the customs authorities), private businesses, or public-private partnerships. For each of these different organizational forms, the authority and mandate of the Single Window needs to be established clearly in national law and regulation. Furthermore, when multiple organizations take part in the creation and operation of the Single Window it is important to have a formal agreement between the parties involved that clearly and precisely defines the different roles, responsibilities and obligations of each participant. For instance, the use of Memoranda of Understanding (MoUs), Service Level Agreements of various types, and Information Security Agreements may be appropriate depending on the particular organizational circumstances. Finally, it is necessary to establish “end user agreements”⁸ with the users of the Single Window facility (i.e., with traders, freight forwarders, agents, banks, et cetera). Such agreements should include terms related to access and security controls and procedures, electronic signatures (if required for the ICT environment), liability issues, and so on.</p>

⁸ Alternatives to “end user agreements” may be considered as well particularly where the private sector party is only an occasional user of the Single Window or in situations where a technical solution, such as Identity Management systems, may not require an end user agreement. In those situations, however, the party accessing the Single Window could be required to accept the terms of use established for the Single Window.

Recommendation No. 35

Issue	Guidelines
Data protection	<p>The issue of data protection within the Single Window facility is of vital importance. Data protection is concerned with issues such as the access to, and the integrity and accuracy of data. Without proper mechanisms for the protection of data, Single Window facilities are likely to encounter major difficulties in operating to this end adequate security and access protocols need to be established through identification, authentication, and authorization mechanisms (see also identification, authentication and authorization issues). The use of risk analysis techniques in the Single Window area can be particularly helpful in finding vulnerabilities in Single Window facility systems with a view to avoiding data breaches.</p> <p>The issue of data protection is closely related to that of privacy (e.g., personal data protection) as well as the protection of proprietary company data and confidential trade data. When personal data is processed by a Single Window facility it must be determined whether this is in compliance with all relevant data protection laws.</p> <p>Some national legal regimes may distinguish between “privacy” issues; particularly those related to personally identifiable information and “confidentiality” issues related to both trade data and business information. Governments may wish to consider how these two areas should be addressed nationally and in the cross-border environments. In this regard, the adoption of international legal standards and best practices is advisable. The following comments, however, should be read as including both privacy and confidentiality legal issues.</p> <p>Countries and economies that do not have data protection laws in place should seriously consider updating their legal framework in order to ensure the best possible operation of the Single Window facility. While there is not a “uniform” privacy approach on a global basis at this time, there are a number of models that can be considered for national regulation. Also, this factor can be important to a government’s Single Window facility when seeking to interact with another country’s Single Window where privacy legislation or regulations are in place. In the event that the Single Window facility enters an agreement with a Single Window facility in another country that has privacy laws or regulations, careful attention should be given to this area.</p>

Recommendation No. 35

Issue	Guidelines
<p>Authority to access and share data between government agencies</p>	<p>Legislation and regulations should be examined to determine which governmental agencies may require information from and provide data to the Single Window. Governments should establish regulations regarding the use of data, such as retention, confidentiality, redistribution or sharing. Such considerations may relate to areas of both privacy and data retention policies.</p> <p>Given the growing importance of privacy legislation and regulations, as noted above, consideration should be given to how and under what circumstances access to data provided to a Single Window should be authorized both nationally and with other country, regional or international Single Windows. Some countries and economies operating Single Windows have developed a specific Memorandum of Understanding (MoU) type of approach in this area for the exchange of data between government agencies. In any case, rules for accessing data within the Single Window should comply with international and national law. Countries and economies are also encouraged to conduct regular ‘privacy impact assessments’ (PIAs) to be certain that can identify risks that need to be addressed in this area. As noted above, consideration should be given to bilateral, and possible multilateral agreements, to meet the needs of both domestic and regional legislation and regulation. Ideally, such international agreements should be harmonized to the greatest extent possible.</p>
<p>Identification, authentication and authorization</p>	<p>In order to ensure the protection, quality, accuracy, and integrity of data within the Single Window facility, proper mechanisms for the identification, authentication and authorization of users (both operators and end-users) are necessary. Since there are no worldwide legal, procedural, and technical standards in this area at the present time, operators of Single Window facilities must turn to national law although it will still be important to look for international legal standards and best practices as they emerge to inspire national law developments. (The growing trend appears to be to adopt “identity management” approaches in this area.) For regional Single Window facilities, the rules and procedures need to be agreed upon by the participating governments. At the same time, such regional Single Window facilities should adopt, as far as possible, international legal standards and best practices so that the regional Single Window is “interoperable” with Single Window facilities throughout the world as well as among those countries in the region that are participating in the regional Single Window.</p>

Recommendation No. 35

Issue	Guidelines
Data quality issues	<p>The quality of data (i.e. its accuracy and integrity) processed within a Single Window environment is vital. Therefore, it is important to determine the responsibility for entering data into the Single Window facility and the subsequent processing of this data within the Single Window facility.</p> <p>When it comes to data processing within Single Window facility it is necessary to determine for each step who is the data controller. To this end, audit trails need to be established by means of identification, authentication and authorization and proper logging and recording mechanisms.</p>
Liability issues (obligations and responsibility)	<p>The use of inaccurate, incomplete, or incorrect data by users of the Single Window facility could lead to damages. Due to the nature of the Single Window, it is possible that the reuse of inaccurate, incomplete, or incorrect data could lead to multiple instances where damages are incurred. As such, it is necessary to address liability issues like national and international legal recourse and possible indemnities for damages suffered, as well as the possibility of establishing limits for liabilities in some circumstances.</p>
Arbitration and dispute resolution	<p>Given the costs of and often protracted time for litigation in many jurisdictions, legislation should be reviewed for provisions relating to alternative dispute resolution mechanisms. Provisions for arbitration or similar approaches to dispute resolution between parties might be considered in model consortium agreements and end-user agreements for parties that may utilize the Single Window. Similar provision may be provided for in agreements where a Single Window is operated by a private or semi-private enterprise on behalf of a government agency. These considerations might apply to civil disputes but not, of course, in those situations where there has been a violation of a particular law or government regulation for which there may be a sanction.</p> <p>In those situations where national Single Windows operate cooperatively with those in other countries and economies (such as in regional Single Window arrangements), agreements should include similar arbitration and dispute resolution provisions.</p>

Recommendation No. 35

Issue	Guidelines
Electronic documents	<p>In order to increase the effectiveness and efficiency of Single Windows, governments should promote the functional equivalence of paper and electronic documents.</p> <p>In electronic commerce laws, it is common to use a clause making electronic records functionally equivalent with paper documents. Shared legal principles and, to the extent possible, legislative provisions should be adopted for business and governmental electronic transactions.⁹</p>
Electronic archiving	<p>In order to comply with national and international rules on the archiving of information (i.e. the keeping of records), proper procedures for electronic archiving must be established. This also includes measures to ensure that an ‘audit trail’ is established when the Single Window is in operation. By creating an audit trail liability and responsibility issues can be addressed <i>ex post</i>.</p> <p>Since the rules for data retention and electronic archiving differ from country to country, Single Window operators should ensure they meet their country’s appropriate standards. In the case of regional Single Window facilities agreements must be made between the participating nations that will meet the requirements of national law in these countries or economies unless, of course, such agreements supersede national law with respect to Single Window transactions. In addition, agreements dealing with electronic archiving should take into account privacy and confidentiality issues as well as the potential need for retrieving and sharing archived information, for example, for purposes of law enforcement requirements. Further, consideration should be given to these issues as related to cross-border transactions and the possible requirements for e-Archiving among trading partners.</p>

⁹ Governments should review carefully the texts developed by the United Nations Commission on International Trade Law for clear guidance (namely, its UN Electronic Communications Convention and its Model Law on Electronic Commerce) along with their accompanying explanatory notes.

Recommendation No. 35

Issue	Guidelines
Intellectual property rights and database ownership	<p>Questions may arise as to who “owns” the data and which parties, if any, and including governments, may have some type of interests in the data, including intellectual property interests in it. For example, in some countries and economies agencies of the government other than the customs authority may claim control of the data, particularly trade data. Naturally, private sector trading entities (e.g., producers and sellers) may have certain ownership types of interests in the information that is provided to the Single Window as well as access to that data once it has been submitted to the Single Window. Careful examination of the statutory or regulatory authority for such control may be important, particularly in situations where the Single Window operator is a private or quasi-private entity or the Single Window operates in a bilateral or multilateral environment (e.g. regional or sub-regional Single Windows).</p> <p>Care should be given to exploring the possibility of a Single Window operation being affected by a third party that may hold patent (or other intellectual property) rights to a process that may be similar to the one being contemplated for the Single Window. In cases where the development of the Single Window data systems is outsourced to other organizations, development agreements should include, for example, warranties of ownership of the rights to such development work (software, firmware, etc.), warranties of non-infringement of any third-party intellectual property rights, rights to license such IP, etc.</p>
Competition	<p>Consideration should be given to the potential that Single Window operations may be structured so that concerns about antitrust and protectionism may result. These possibilities, though unlikely, can give rise to concerns by those who may utilize an international Single Window facility and be disabling to trade development and facilitation. Additionally, countries and economies should consider their obligations under international treaties and conventions related to competition law when establishing Single Window facilities.</p>

Annex III

Toolkit

For a Single Window facility to operate efficiently, effectively and above all legally, it must adhere to all relevant national legislation and international agreements to which its country is a Contracting Party. Since the rules governing the operation of a Single Window differ from country to country, and at a regional and sub-regional level, are dependent on the actual scope and function of the facility, an exhaustive list of relevant legislation cannot easily be given. This annex aims to provide **some** useful resources that (potential) operators of Single Window can access to aid the task of building an adequate legal framework for the efficient, effective operation of a facility that fully meets the requirements of government and the business needs of the trading community.

This toolkit includes references to a variety of international organizations that are engaged in developing policy considerations for governments and the private sector including treaties and conventions, model laws, guidelines and recommendations that may be useful in the establishment of National Single Windows and their cross-border operations. In addition to the instruments published by International organizations, some industry sectors have created model agreements and contracts that also may provide guidance. These should be explored to determine whether the approach detailed could be of value to establishing a legal framework for Single Window facilities.

I. TRADE LAW

Apart from adherence to national law, the operation of Single Windows across borders should be in accordance with international trade law. The following (model) laws and treaties should be taken into consideration when operating (regional) Single Window facilities:

- (a) The United Nations Convention on the Use of Electronic Communications in International Contracts (the UN Electronic Communications Convention) (2005);
- (b) The UNCITRAL Model Law on Electronic Commerce (1996);
- (c) UNCITRAL Model Law on Electronic Signatures (2001);
- (d) OECD Recommendation on Electronic Authentication and OECD Guidance for Electronic Authentication (2007);
- (e) General Agreement on Tariffs and Trade (GATT).

II. PRIVACY AND DATA PROTECTION

Respect for privacy and adequate data protection are important factors when it comes to operating a Single Window. While there is no global privacy law, there are documents that set forth general guidelines for data protection and privacy.

- (a) OECD Guidelines on the Protection of Privacy and Transborder Flows of Personal Data (1980);
- (b) OECD Recommendation on Electronic Authentication and OECD Guidance for Electronic Authentication (2007).

III. INTELLECTUAL PROPERTY

Intellectual property is also of importance when it comes the establishment and operation of a Single Window. It is important to note that at the time of publication of this recommendation, a global treaty on the protection of databases

Recommendation No. 35

did not exist. At the regional level (for instance in the European Union) rules for the protection of databases have been established.

- (a) Berne Convention for the Protection of Literary and Artistic Works (1886);
- (b) Paris Convention for the Protection of Industrial Property (1883);
- (c) WIPO Patent Law Treaty (2000);
- (d) WIPO Patent Cooperation Treaty (1970);
- (e) WIPO Copyright Treaty (1996).

IV. ARBITRATION

- (a) UNCITRAL Arbitration Rules (1976);
- (b) Convention on the Recognition and Enforcement of Foreign Arbitral Awards (The "New York Convention") (1958);
- (c) UNCITRAL Model Law on International Commercial Arbitration (1985, amended in 2006);
- (d) UNCITRAL Model Law on International Commercial Conciliation (2002).

V. COMPETITION

General Agreement on Tariffs and Trade (GATT)

VI. IMPORTANT ORGANIZATIONS

The organizations listed below can provide further guidance and assistance to (potential) operators of Single Window facilities.

United Nations Centre for Electronic Business and Trade Facilitation (UN/CEFACT)¹⁰

The UN/CEFACT, a subsidiary body of the United Nations Economic Commission for Europe (UN/ECE), supports activities dedicated to improving the ability of business, trade and administrative organizations, from developed, developing and transitional economies, to exchange products and relevant services effectively. The principal focus is facilitating national and international trade transactions through the simplification and harmonization of processes, procedures and information flows, and so to contribute to the growth of global commerce.

United Nations Commission on International Trade Law (UNCITRAL)¹¹

The United Nations Commission on International Trade Law was established by the General Assembly in 1966 (Resolution 2205(XXI) of 17 December 1966). In establishing the Commission, the General Assembly recognized that disparities in national laws governing international trade created obstacles to the flow of trade, and it regarded the Commission as the vehicle by which the United Nations could play a more active role in reducing or removing these obstacles. The General Assembly gave the Commission the general mandate to further the progressive harmonization and unification of the law of international trade. The Commission has since come to be the core legal body of the United Nations system in the field of international trade law. UNCITRAL may draft both legislative texts, such as conventions, model laws, and legislative guides, which may be adopted by States through the enactment of domestic legislation, and non-legislative texts that can be used directly by parties to international trade contracts. In the field of Single Window facilities, it should be noted that at its forty-first session, in 2008, the Commission requested the Secretariat to engage actively, in cooperation with the World Customs Organization (WCO) and UN/CEFACT in the

¹⁰ www.unece.org/cefact

¹¹ www.uncitral.org

study of the legal aspects involved in implementing a cross-border Single Window facility with a view to formulating a comprehensive international reference document on the legal aspects of creating and managing a Single Window. That work is being carried out in the WCO-UNCITRAL Joint Legal Task Force on Coordinated Border Management Incorporating the International Single Window.

World Customs Organization¹²

The World Customs Organization (WCO) is the only intergovernmental organization exclusively focused on Customs matters. The work of WCO covers the development of global standards, the simplification, harmonization, and modernization of Customs procedures (including promoting the utilisation of ICT methods), trade supply chain security, international trade facilitation, the enhancement of Customs enforcement and compliance activities, anti-counterfeiting and piracy initiatives, public-private partnerships, integrity promotion, and sustainable global Customs capacity building programmes. The WCO also maintains the international Harmonized System goods nomenclature, and administers the technical aspects of the WTO Agreements on Customs Valuation and Rules of Origin. Additionally, as noted above, the WCO and UNCITRAL are cooperating, with other international organizations, in a major program to address the global legal issues related to the international Single Window.

UNCTAD¹³

The United Nations Conference on Trade and Development has developed considerable expertise in the Customs area within its mission related to trade development. Numerous countries and economies have implemented its Automated System for Customs Data (ASYCUDA.)

International Chamber of Commerce¹⁴

The International Chamber of Commerce (ICC) is the international private sector body that represents the interests of the global business community. The goal of the ICC is stimulating the global economy by setting rules and standards, promoting growth and prosperity, and spreading business expertise. The ICC has developed a range of Model Contracts and Agreements that cover the business components of the supply of goods as part of an international sales contract, for example Model International Sales Contract, Model Commercial Agency Contract and Model Distributorship Contract.

The Organisation for Economic Co-operation and Development¹⁵

The Organisation for Economic Co-operation and Development (OECD) is an international body comprised of 30 member countries. The goals of the OECD are to support sustainable economic growth, boost employment, raise living standards, maintain financial stability, assist the economic development of other countries and economies, contribute to growth in world trade.

The Hague Conference on Private International Law

The Hague Conference on private international law is an intergovernmental organization whose purpose is to further the progressive unification of the rules of private international law. The results of its work include multilateral treaties in the fields of international legal co-operation and litigation and of international commercial and finance law

¹² www.wcoomd.org

¹³ <http://unctad.org>

¹⁴ www.iccwbo.org

¹⁵ www.oecd.org

World Intellectual Property Organization¹⁶

The World Intellectual Property Organization (WIPO) is a specialized agency of the United Nations. It is dedicated to developing a balanced and accessible international intellectual property (IP) system, which rewards creativity, stimulates innovation and contributes to economic development while safeguarding the public interest.

¹⁶ www.wipo.int



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