



# **WORKSHOP ON BUSINESS PROCESS ANALYSIS FOR ASEAN SINGLE WINDOW - CONSULTATION WITH STAKEHOLDERS**



**Kuala Lumpur – 18 June 2013**



## OUTLINE OF PRESENTATION

1. Sphere of Accountability for Economic Operators
2. World Bank Study – Cost & Time for Trading Across Borders
3. Single Window – What, How & Why
4. ASW CB-BPA Study
5. CB-Flow of Documents
6. Sample of Identified Documents for CB-Exchange
7. Q & A

# SPHERES OF ACCOUNTABILITY FOR THE ECONOMIC OPERATORS

The New Global Environment:  
End-to-End Accountability



Port of Loading

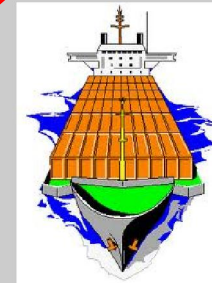


Port of Arrival

Traditional Importation



Customs



Carriers



Sellers



Freight Forwarders/  
Consolidators/NVOCC

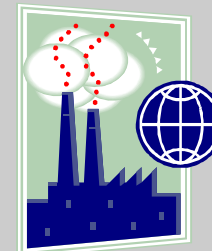
Domestic Procurement



Domestic Truckers



Customs Brokers



Suppliers



Buyer/Importer



Buyer Storage Warehouse

Supply Chain Accountability

No of Supply Chain Partners to Interface With





# Why Time matters in International Trade?

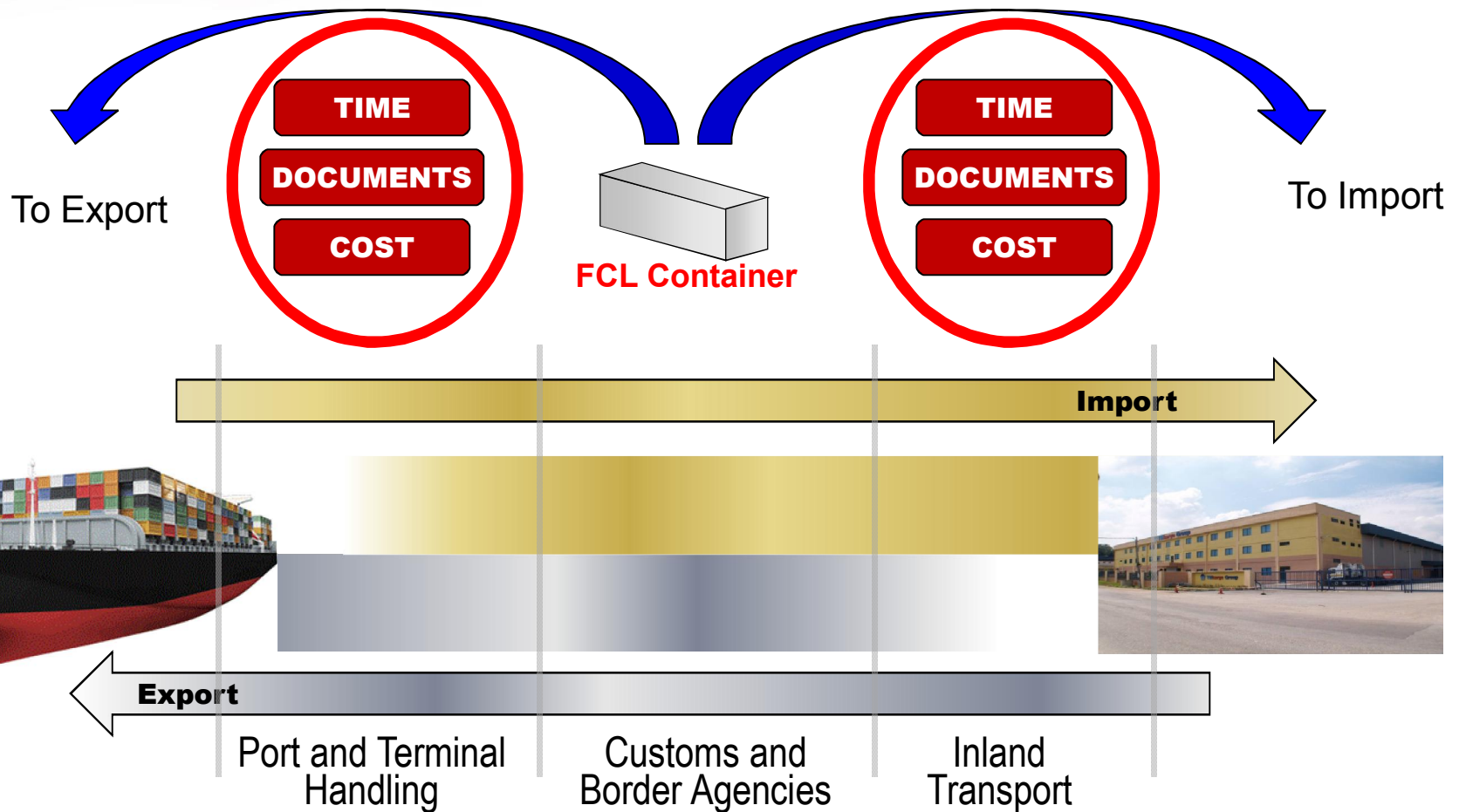
Time as Trade Barrier has 2 dimensions:

1. Lengthy trade & regulatory procedures increase Cost of Doing Business
2. Access to market : time & demand sensitive – decreases National Competitiveness





# How much time, how many documents and what cost to export and import across borders?





# TIME & COSTS TO EXPORT & IMPORT

| ASEAN MEMBER STATES    | Time for Export |           |           | Cost to Export       |              |              | Time for Import |           |           | Cost to Import       |              |              |
|------------------------|-----------------|-----------|-----------|----------------------|--------------|--------------|-----------------|-----------|-----------|----------------------|--------------|--------------|
|                        | (in days)       |           |           | (US\$ per container) |              |              | (in days)       |           |           | (US\$ per container) |              |              |
|                        | 2006            | 2009      | 2013      | 2006                 | 2009         | 2013         | 2006            | 2009      | 2013      | 2006                 | 2009         | 2013         |
| Brunei                 | na              | 28        | 19        | na                   | 630          | 680          | na              | 19        | 15        | na                   | 798          | 745          |
| Cambodia               | 43              | 22        | 22        | 736                  | 732          | 732          | 55              | 30        | 26        | 816                  | 872          | 872          |
| Indonesia              | 25              | 21        | 17        | 546                  | 704          | 644          | 30              | 27        | 23        | 675                  | 660          | 660          |
| Lao PDR                | 66              | 50        | 24        | 1,420                | 1,860        | 2,140        | 78              | 50        | 26        | 1,690                | 2,040        | 2,125        |
| Malaysia               | 18              | 18        | 11        | 432                  | 450          | 435          | 14              | 14        | 11        | 385                  | 450          | 420          |
| Philippines            | 17              | 16        | 15        | 800                  | 816          | 585          | 18              | 16        | 14        | 800                  | 819          | 660          |
| Singapore              | 5               | 5         | 5         | 416                  | 456          | 456          | 3               | 3         | 4         | 367                  | 439          | 439          |
| Thailand               | 24              | 14        | 14        | 848                  | 625          | 585          | 22              | 13        | 13        | 1,042                | 795          | 750          |
| Vietnam                | 24              | 22        | 21        | 669                  | 756          | 610          | 23              | 21        | 21        | 881                  | 940          | 600          |
| <b>Average - ASEAN</b> | <b>27</b>       | <b>22</b> | <b>17</b> | <b>762</b>           | <b>804</b>   | <b>763</b>   | <b>30</b>       | <b>22</b> | <b>17</b> | <b>850</b>           | <b>883</b>   | <b>808</b>   |
| <b>Average - OECD</b>  | <b>12</b>       | <b>11</b> | <b>10</b> | <b>890</b>           | <b>1,024</b> | <b>1,032</b> | <b>12</b>       | <b>11</b> | <b>11</b> | <b>974</b>           | <b>1,086</b> | <b>1,085</b> |

Note: Data for Myanmar not available



# NO OF DOCUMENTS TO EXPORT & IMPORT

| ASEAN MEMBER STATES    | Time for Export<br>(in days)<br>2013 | No of Documents to Export |  | Time for Import<br>(in days)<br>2013 | No of Documents to Import |  |
|------------------------|--------------------------------------|---------------------------|--|--------------------------------------|---------------------------|--|
|                        |                                      | 2013                      |  |                                      | 2013                      |  |
| Brunei                 | 19                                   | 6                         |  | 15                                   | 6                         |  |
| Cambodia               | 22                                   | 9                         |  | 26                                   | 10                        |  |
| Indonesia              | 17                                   | 4                         |  | 23                                   | 7                         |  |
| Lao PDR                | 26                                   | 10                        |  | 26                                   | 10                        |  |
| Malaysia               | 11                                   | 5                         |  | 8                                    | 6                         |  |
| Philippines            | 15                                   | 7                         |  | 14                                   | 8                         |  |
| Singapore              | 5                                    | 4                         |  | 4                                    | 4                         |  |
| Thailand               | 14                                   | 5                         |  | 13                                   | 5                         |  |
| Vietnam                | 22                                   | 6                         |  | 21                                   | 8                         |  |
| <i>Average - ASEAN</i> | <i>17</i>                            | <i>6</i>                  |  | <i>17</i>                            | <i>7</i>                  |  |

Note: Data for Myanmar not available



# WB Doing Business – Time to Import

| ASEAN Member States | Time to Import (days) |       | Document Preparation | Customs Clearance | Port Handling | Inland Handling | Trading Across Borders ( Rank) |
|---------------------|-----------------------|-------|----------------------|-------------------|---------------|-----------------|--------------------------------|
|                     | 2010                  | 2013  | 2013                 | 2013              | 2013          | 2013            | 2013                           |
| Brunei Darussalam   | 19                    | 15    | 11                   | 1                 | 2             | 1               | 40                             |
| Cambodia            | 29                    | 26    | 15                   | 3                 | 5             | 3               | 118                            |
| Indonesia           | 27                    | 27    | 13                   | 4                 | 4             | 2               | 37                             |
| Lao PDR             | 50                    | 46    | 17                   | 7                 | 2             | 4               | 160                            |
| Malaysia            | 14                    | 8     | 3                    | 1                 | 2             | 2               | 11                             |
| Philippines         | 16                    | 14    | 8                    | 2                 | 3             | 1               | 53                             |
| Singapore           | 4                     | 4     | 1                    | 1                 | 1             | 1               | 1                              |
| Thailand            | 13                    | 13    | 8                    | 2                 | 2             | 1               | 20                             |
| Vietnam             | 21                    | 21    | 12                   | 4                 | 4             | 1               | 74                             |
| Average             | 21.44                 | 17.08 | 9.77                 | 2.77              | 2.77          | 1.77            |                                |

Note: Data for Myanmar not available





# WB Doing Business – Time to Export

| ASEAN Member States | Time to Export (Days) |       | Document Preparation | Customs Clearance | Port Handling | Inland Handling | Trading Across Borders ( Rank) |
|---------------------|-----------------------|-------|----------------------|-------------------|---------------|-----------------|--------------------------------|
|                     | 2010                  | 2013  | 2013                 | 2013              | 2013          | 2013            | 2013                           |
| Brunei Darussalam   | 27                    | 19    | 11                   | 2                 | 3             | 3               | 40                             |
| Cambodia            | 22                    | 22    | 14                   | 3                 | 3             | 2               | 118                            |
| Indonesia           | 21                    | 17    | 11                   | 1                 | 2             | 3               | 37                             |
| Lao PDR             | 50                    | 26    | 15                   | 2                 | 4             | 5               | 160                            |
| Malaysia            | 18                    | 11    | 5                    | 1                 | 2             | 3               | 11                             |
| Philippines         | 16                    | 15    | 8                    | 2                 | 3             | 2               | 53                             |
| Singapore           | 5                     | 5     | 1                    | 1                 | 1             | 2               | 1                              |
| Thailand            | 14                    | 14    | 8                    | 1                 | 3             | 2               | 20                             |
| Vietnam             | 22                    | 21    | 12                   | 4                 | 3             | 2               | 74                             |
| Average             | 21.67                 | 16.64 | 9.44                 | 1.88              | 2.66          | 2.66            |                                |

Note: Data for Myanmar not available



# How would you visualize a SINGLE WINDOW ?





## What is a Single Window ?

(as per UN Recommendation no 33)

“...a **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. If information is **electronic**, then individual data elements should only be submitted **once**.”

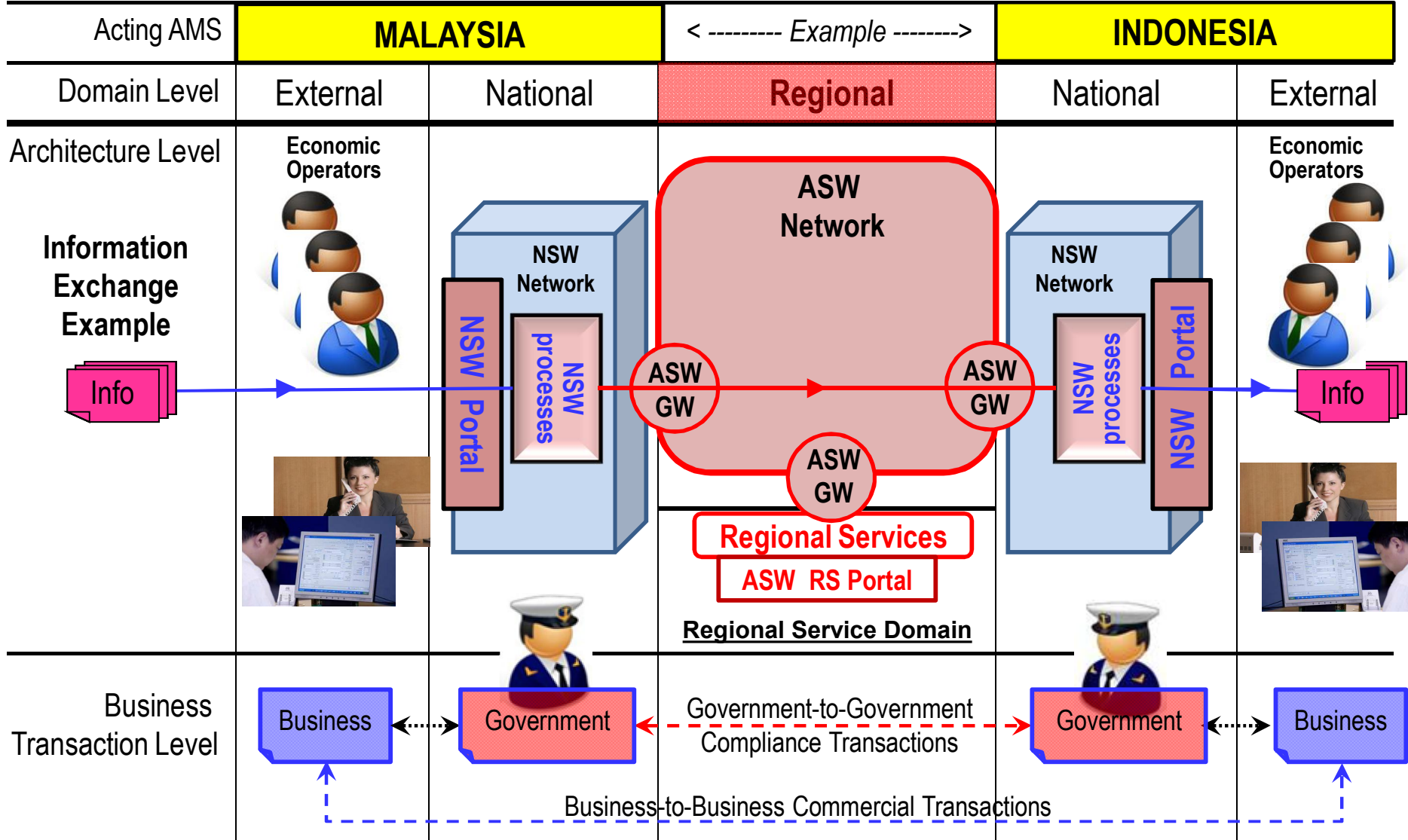


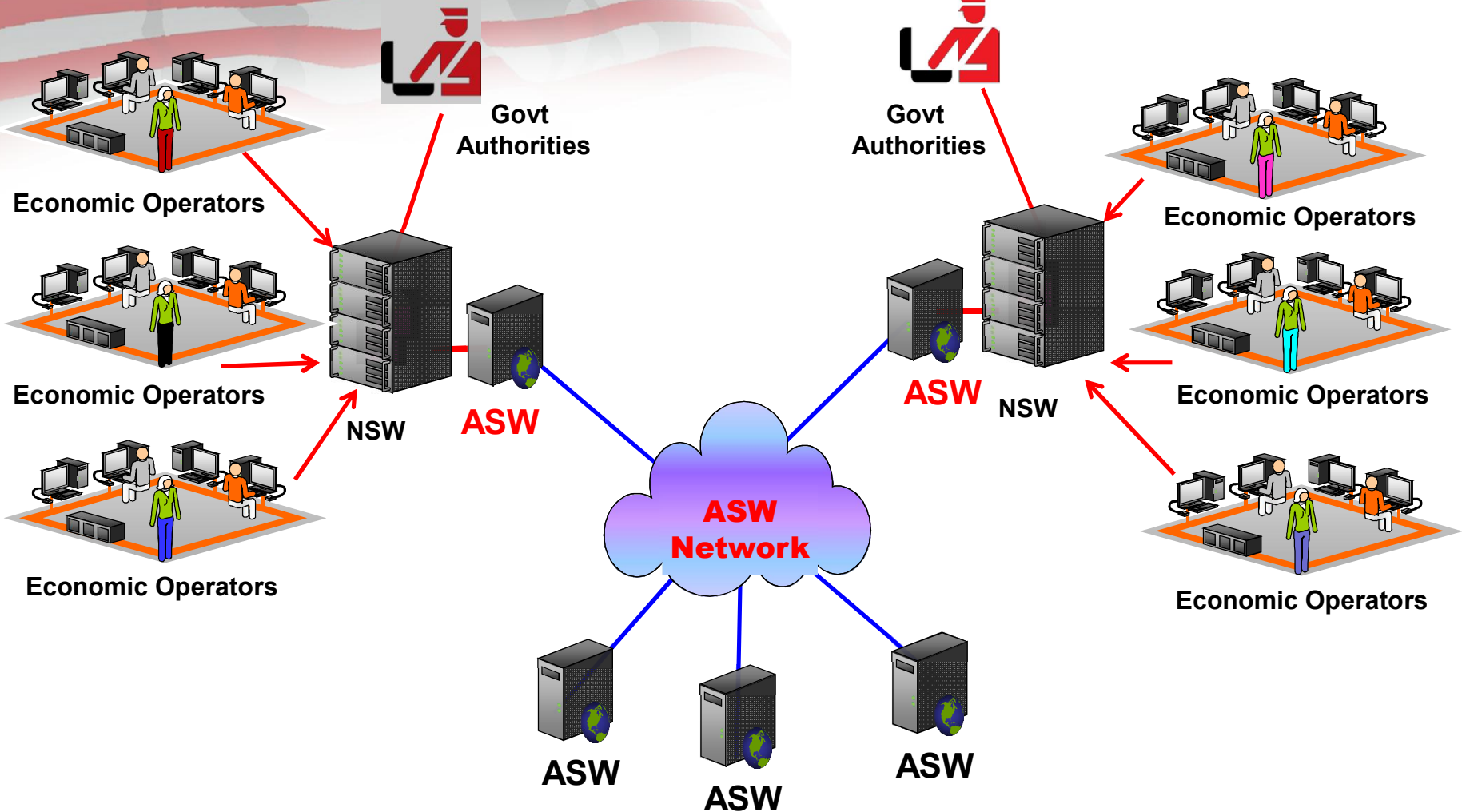
## What is a Single Window ?

( unofficial definition by WCO)

*“Single Window Environment” as a cross border intelligent facility that allows parties involved in trade and transport to lodge standardized information, mainly electronic, with a single entry point to fulfill all import, export and transit related regulatory requirements, which are largely in line with the UN/CEFACT Recommendation 33*

# ASEAN SINGLE WINDOW (ASW) TECHNICAL ARCHITECTURE



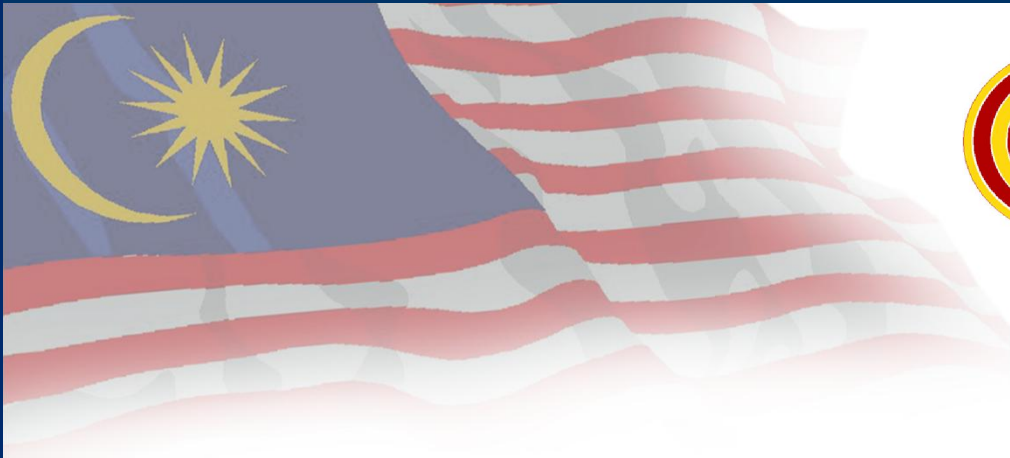


# Overview of ASEAN Single Window



## BACKGROUND

- Bali Concord II - Oct 7, 2003; realization of an ASEAN Economic Community by 2020;
- ASW Agreement - Dec 9, 2005 @ KL; establish & implement ASEAN SINGLE WINDOW
- ASW Protocol - Dec 20, 2006 @ Siem; Art 6 of ASW Agreement
- ASW Project – 5 yrs (2008~2012) USAID program under US-ASEAN ADVANCE program
- ASW Pilot Project – 3 components; study, setup & evaluate (Component 1 completed and Component 2 in progress)
- ASW PLUS – 5 yrs (2013~2017) to be activated....



# **ASEAN SINGLE WINDOW PROJECT**

## **CROSS-BORDER BUSINESS PROCESS ANALYSIS (BPA) STUDY**





## Objective of the BPA Activity

To **identify, prioritize, and analyze** cross-border, cargo-related clearance, business processes and data required for information flow (*other than the ACDD and ATIGA Form D*), which will be exchanged using the ASW architecture in order to support both the work flow and data flow for pre-arrival clearance, and as well as other business processes in the use of ASW's secured regional network.



## Goals of the Study

- **Identify holistic value** ASW architecture may offer for specific cross border business processes (BPs).
- **Identify readiness of trading community and agencies** to “integrate” their cross border BPs with the ASW-NSW Framework to exchange information electronically.
- **Recommendations for implementation** of specific cross border processes with supporting reasons.
- **Document identified** cross border BPs
- **Suggest approach** to facilitate “electronic” implementation of identified cross border BPs.



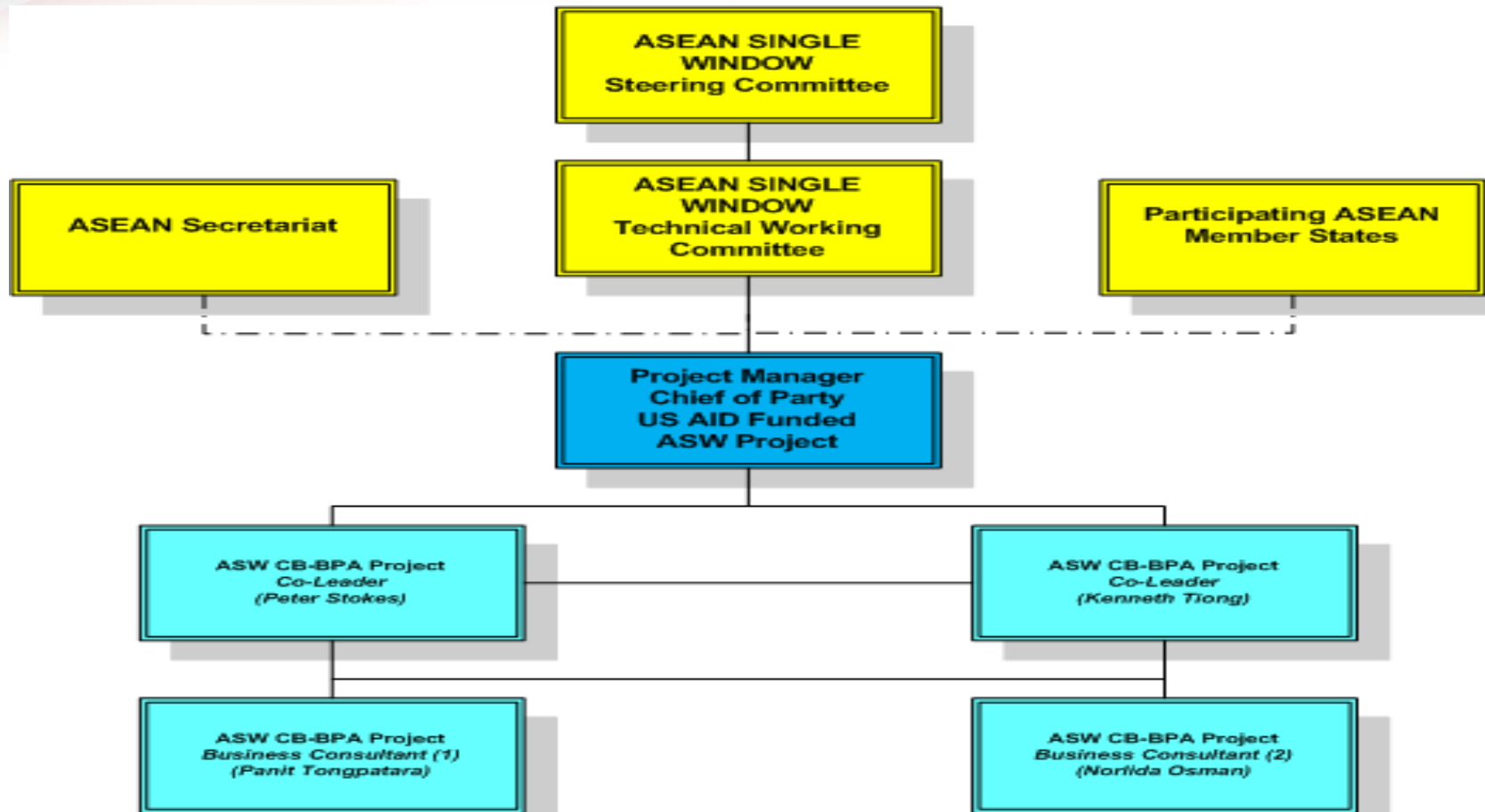
## Support requested from AMS

In order to help this project succeed, input from each AMS is requested and encouraged as follows:

- To complete comprehensively the ASW Business Process Readiness Survey (for Government) and to provide related data and material in supporting their survey responses;
- Participating in telephone and/or On-Site discussions on the responses to the survey and opportunities for cross border business processes identified;
- To facilitate participation from relevant industry participants in follow-up interviews and regional workshops.



# ASW CB-BPA Project Team Organization

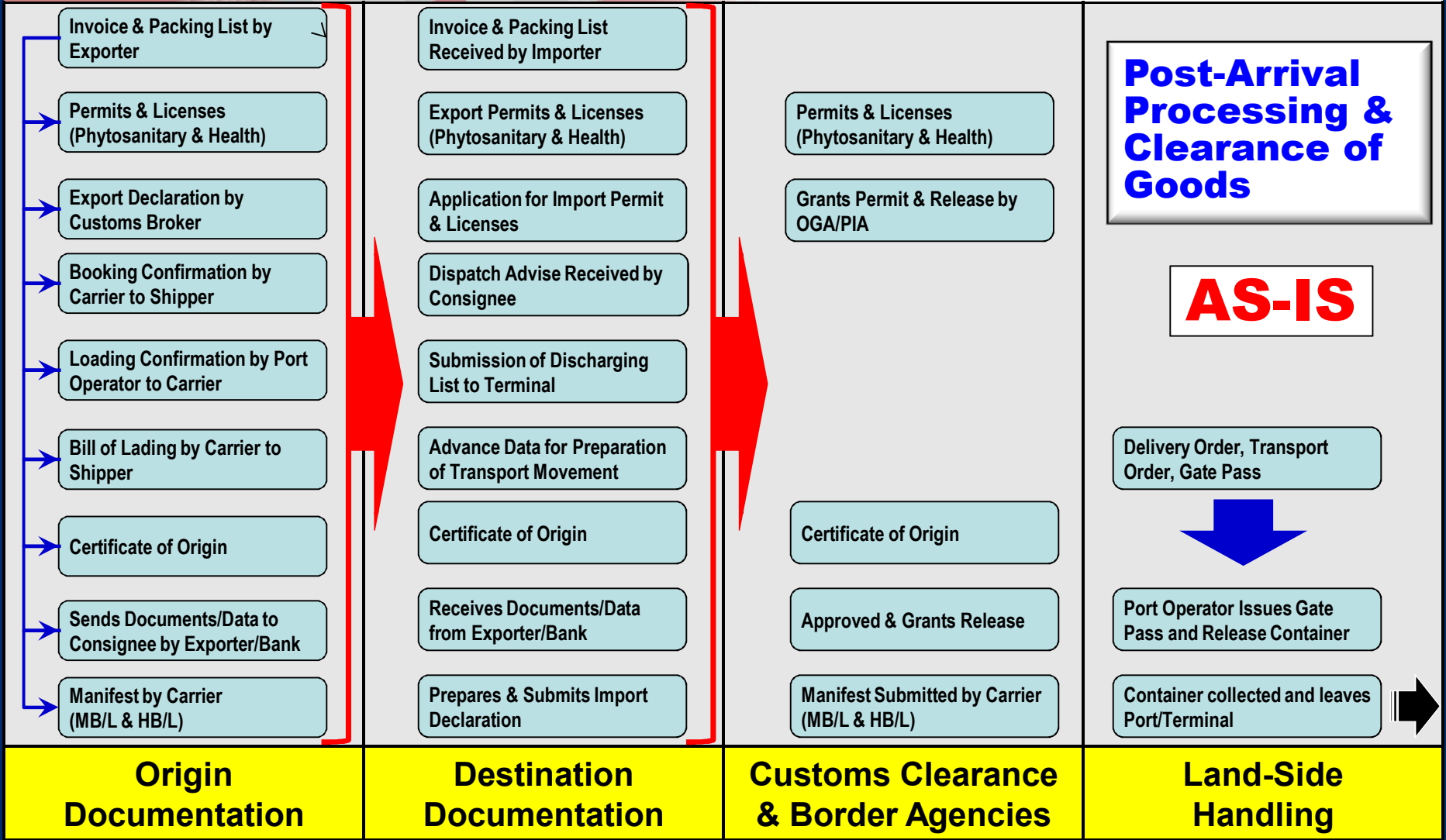


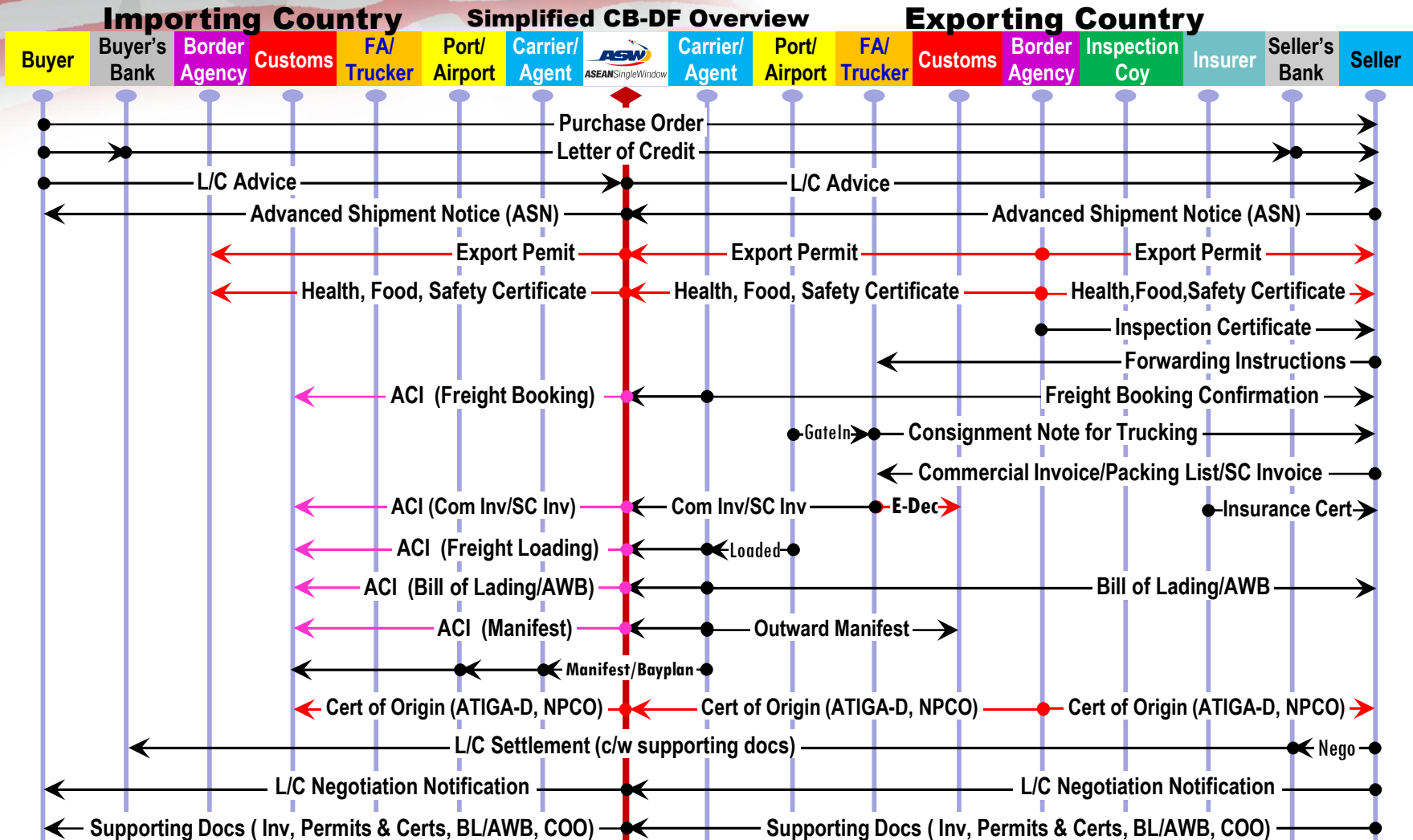


# **ASEAN SINGLE WINDOW PROJECT**

## **BUSINESS PROCESS ANALYSIS**

### **Why & How ?**



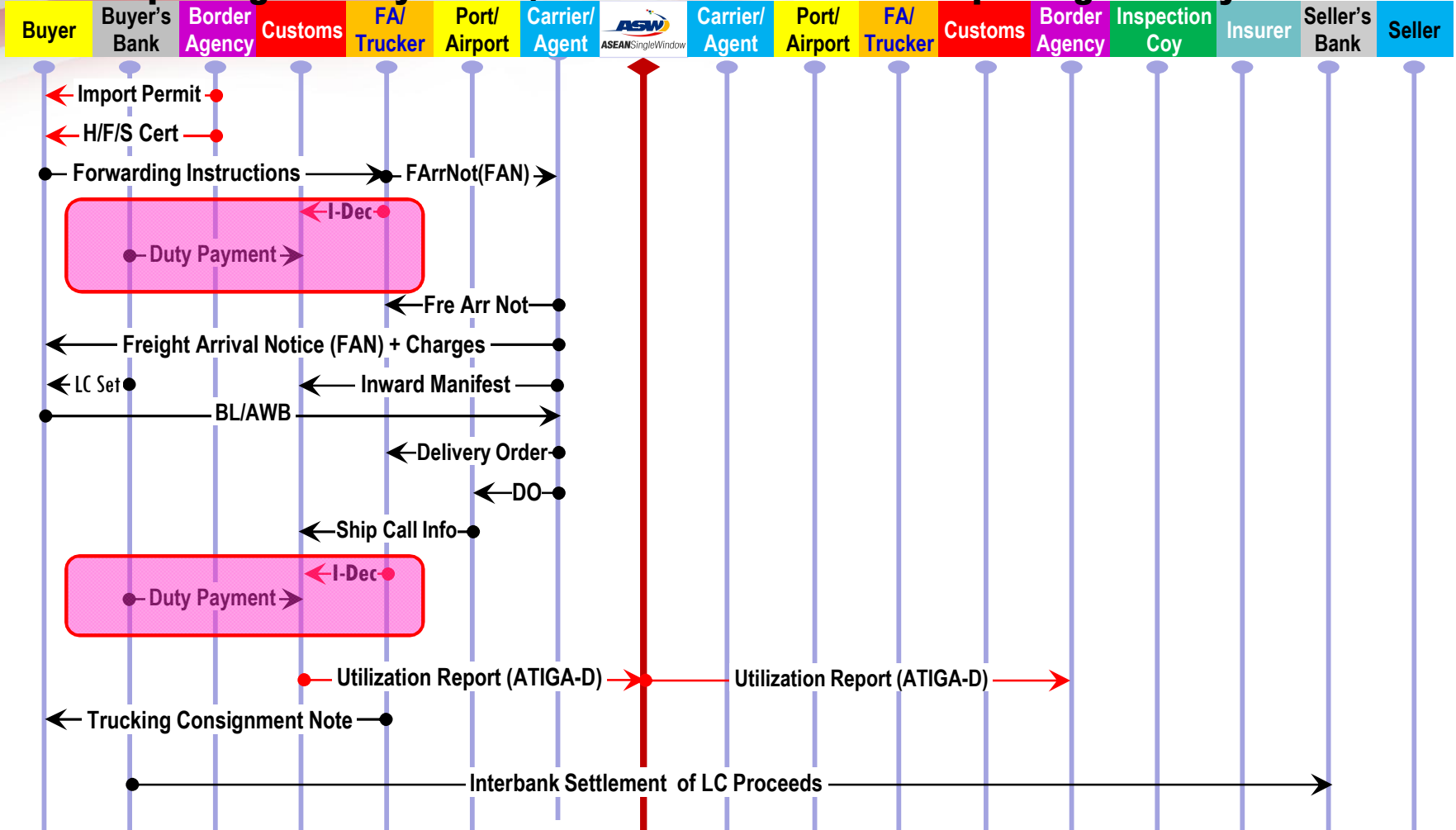




### Importing Country

### Simplified CB-DF Overview

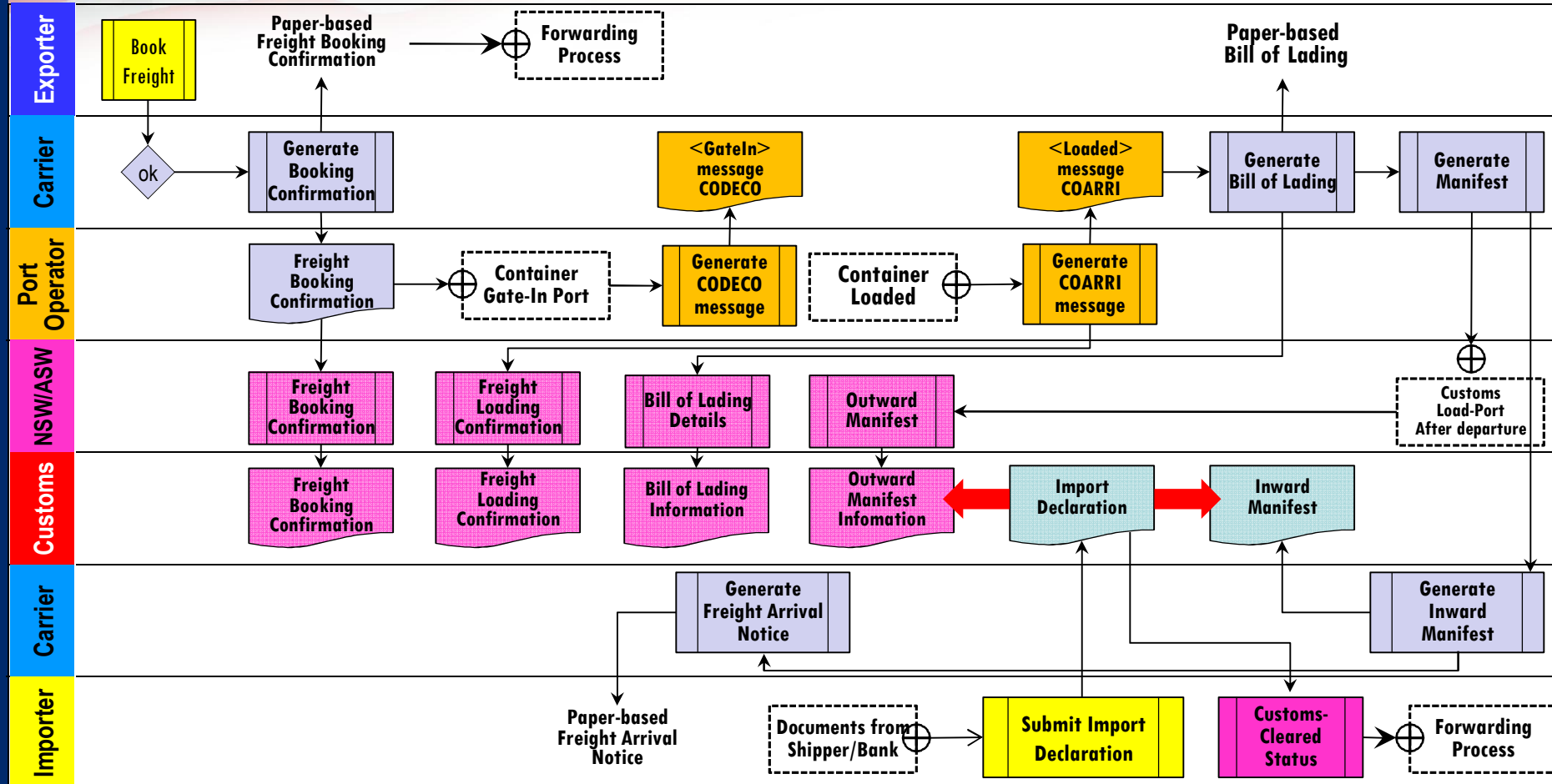
### Exporting Country







# Typical CB Information/Document Flow to support Pre-Arrival Clearance



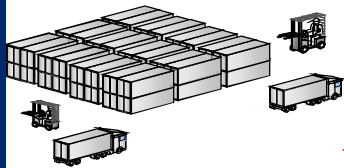


# Pre-Arrival Processing & Clearance of Goods

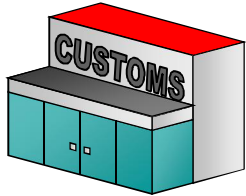
Conveyance



Data Flow



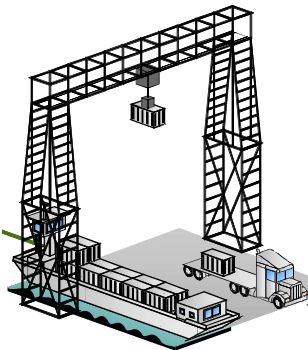
Data Flow



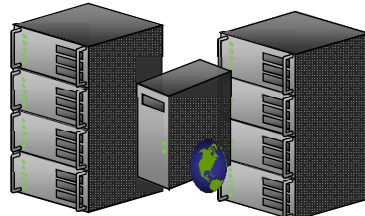
Data Flow



Shipping

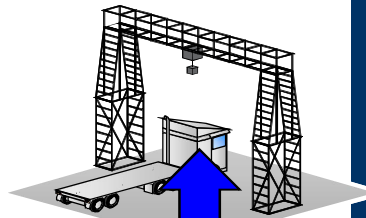


Auto-Exchange Of Data

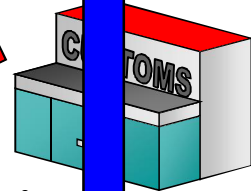
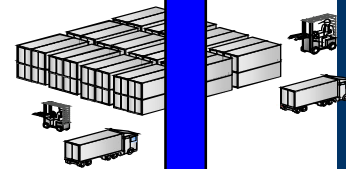


ASW/NSW Framework

Delivery of Goods Immediately After Vessel Arrival



Cumulating of Advanced Data To Authorities

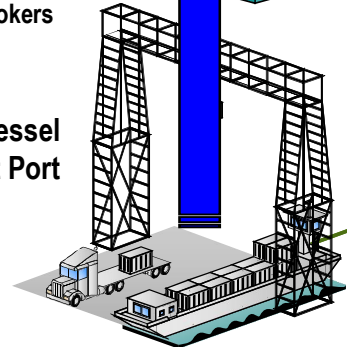


Submit Application for Permit & Import Declaration



Customs Brokers

When Vessel Arrives at Port





## Preliminary Identified Business Process (Documents)

### A. CARGO CLEARANCE

- Freight booking confirmation (before loading)
- Freight loading confirmation (after loading)
- Bill of Lading or Air Waybill
- Cargo Manifest (Air / Road Manifest)
- Commercial Invoice and Packing List
- ASEAN Customs Declaration Document (*already in ASW Pilot*)



## Preliminary Identified Business Process (Documents)

### **B. EXPORT/IMPORT when Cert of Origins are required**

- ATIGA Form D (*already part of ASW Pilot*)
- ATIGA Form D Utilization Report (*part of ASW Pilot*)
- Self-Certified Invoice (Certifying Origin)
- Certificate of Origin – Non Preferential



## **Preliminary Identified Business Process (Documents)**

### **C. Import when Food, Health and Phytosanitary Certificates are required**

- Phyto-sanitary Certificate
- Health Certificate
- Halal Certificate



## Preliminary Identified Business Process (Documents)

### D. Goods Payment

- Notification of Letter of Credit Negotiation
- Purchase Order
- Insurance Certificate
- Inspection Certificate
- Commercial Invoice / Packing List
- Transport Proof of Delivery (e.g. Waybill)



## Preliminary Identified Business Process (Documents)

### **E. ASEAN Trade Party Identification and Status Exchange**

- General Trade Party Identification and Status (e.g. AEO or AEO-like Identity and Status)

### **F. Trade Entities and Reference Data Exchange and Sharing - *To be identified***

- e.g. truck, vessel profile/call registration and safety certification status (vehicle, ships, trucks)



# **ASEAN SINGLE WINDOW PROJECT**

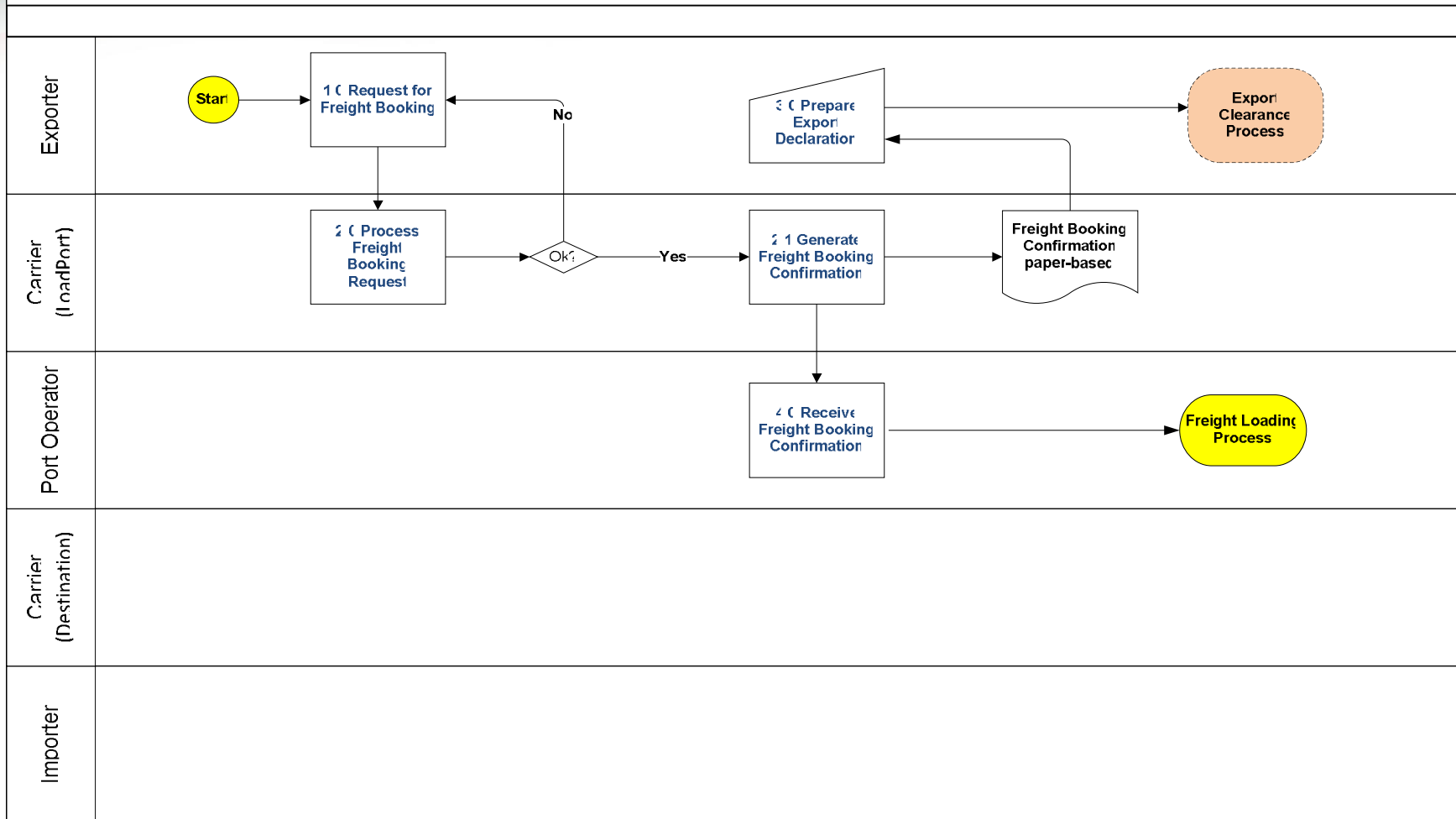
## **BUSINESS PROCESS ANALYSIS**

### **< SAMPLES OF PROCESS MAPPING >**





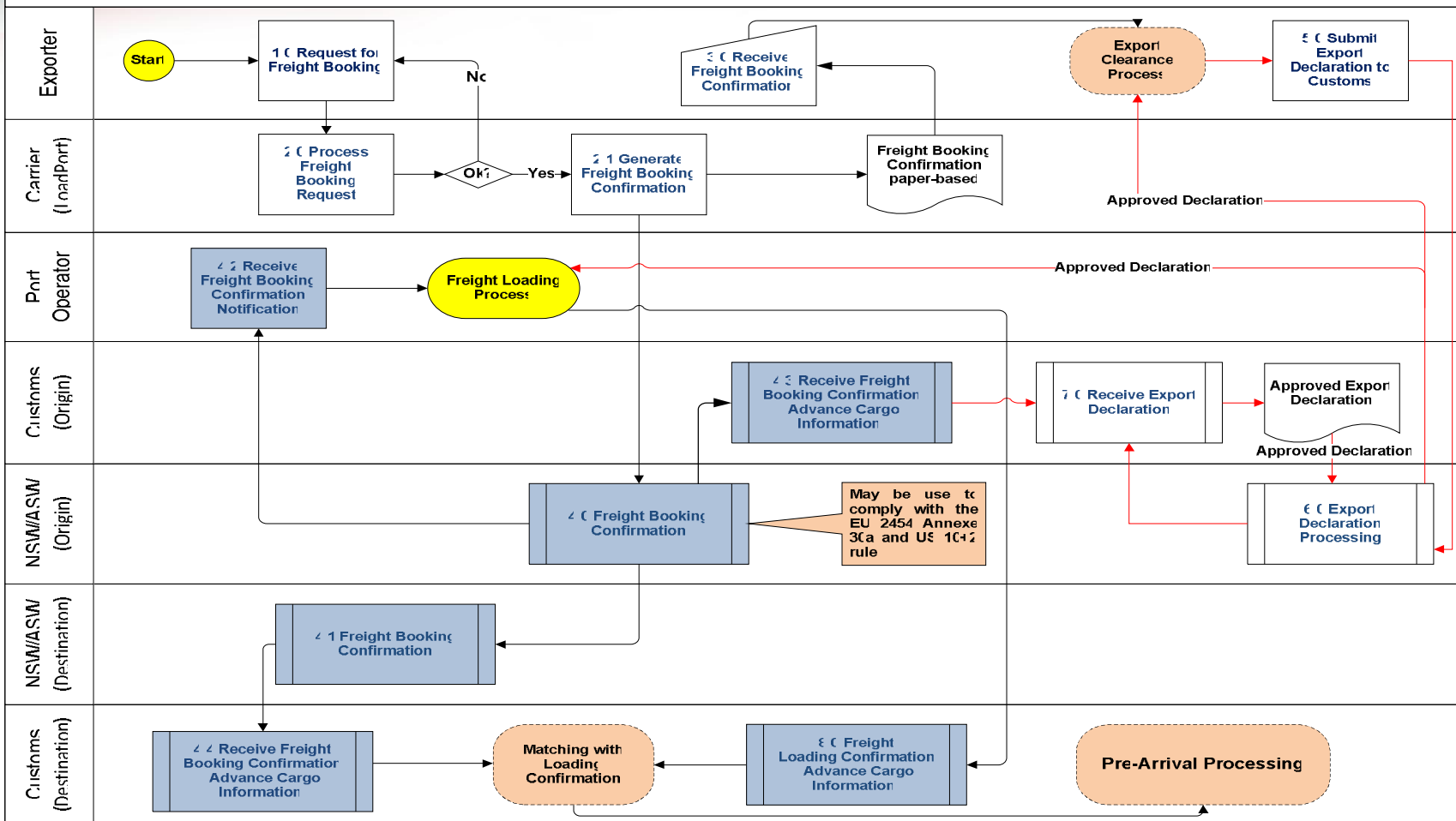
### 33 22 FREIGHT BOOKING CONFIRMATION (BEFORE LOADING) (AS-IS)





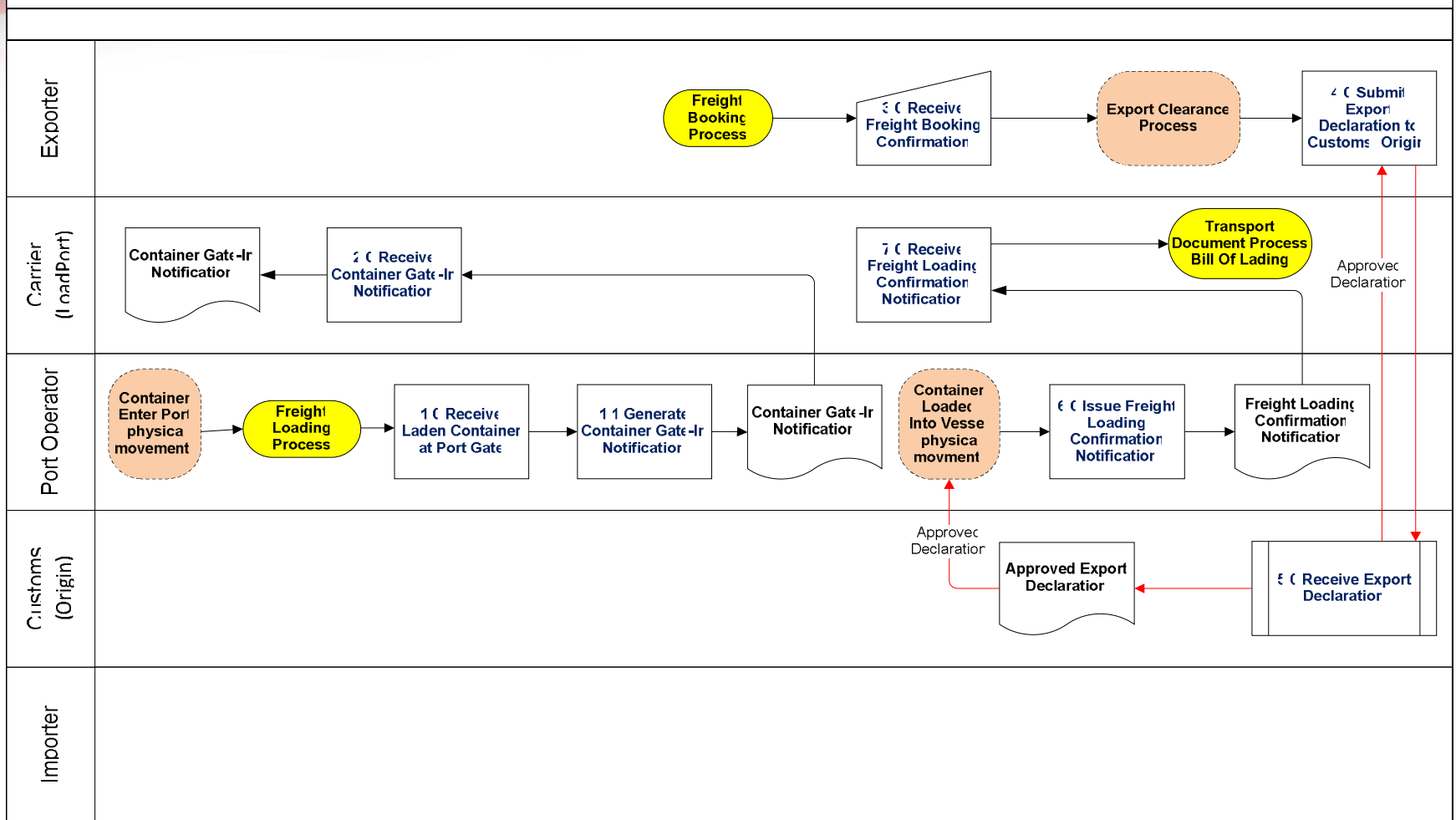
### 33 22 FREIGHT BOOKING CONFIRMATION (BEFORE LOADING) (TC-BE)

Declaration Flow





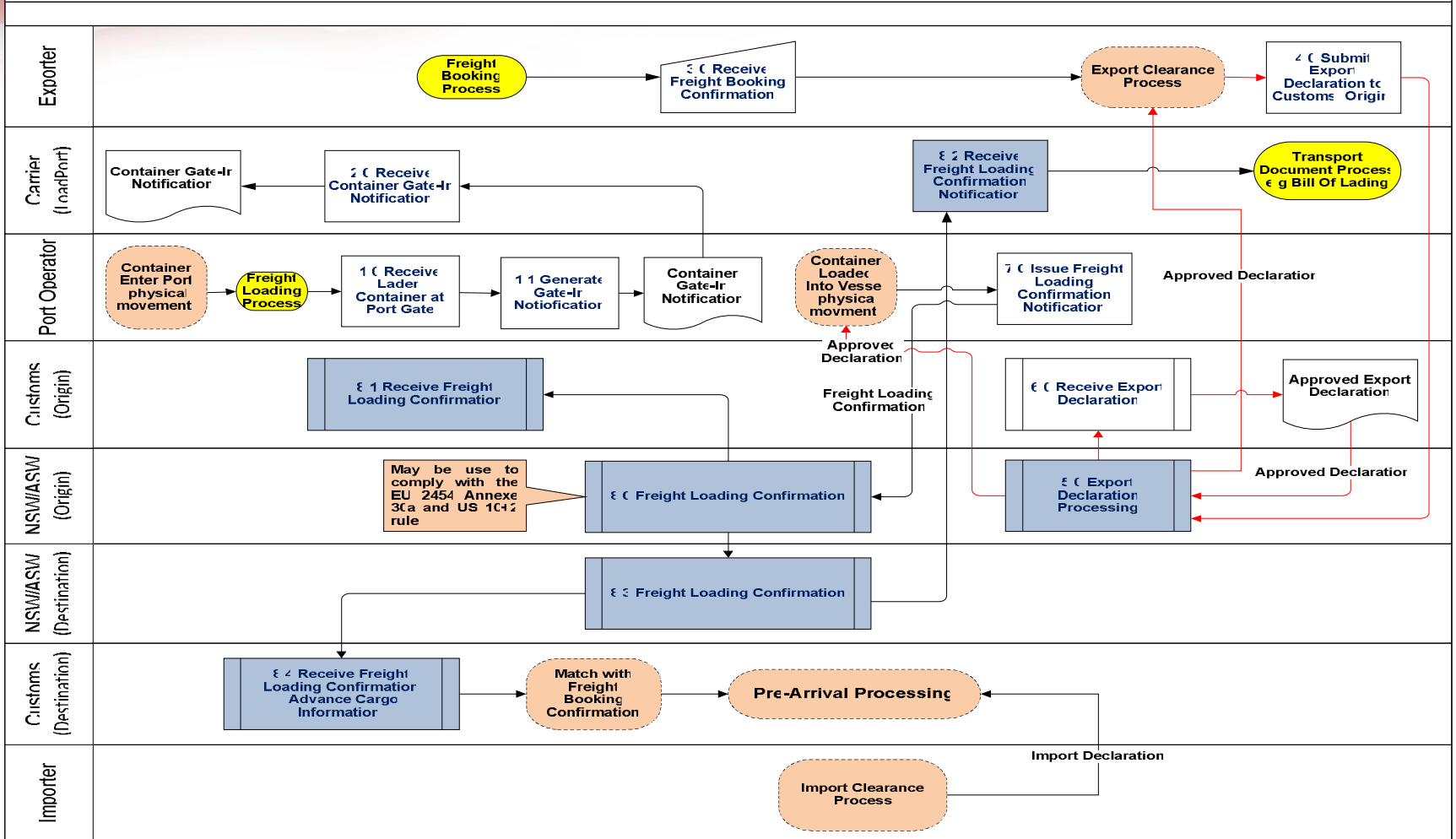
### 33 23 FREIGHT LOADING CONFIRMATION (AFTER LOADING) (AS-IS)





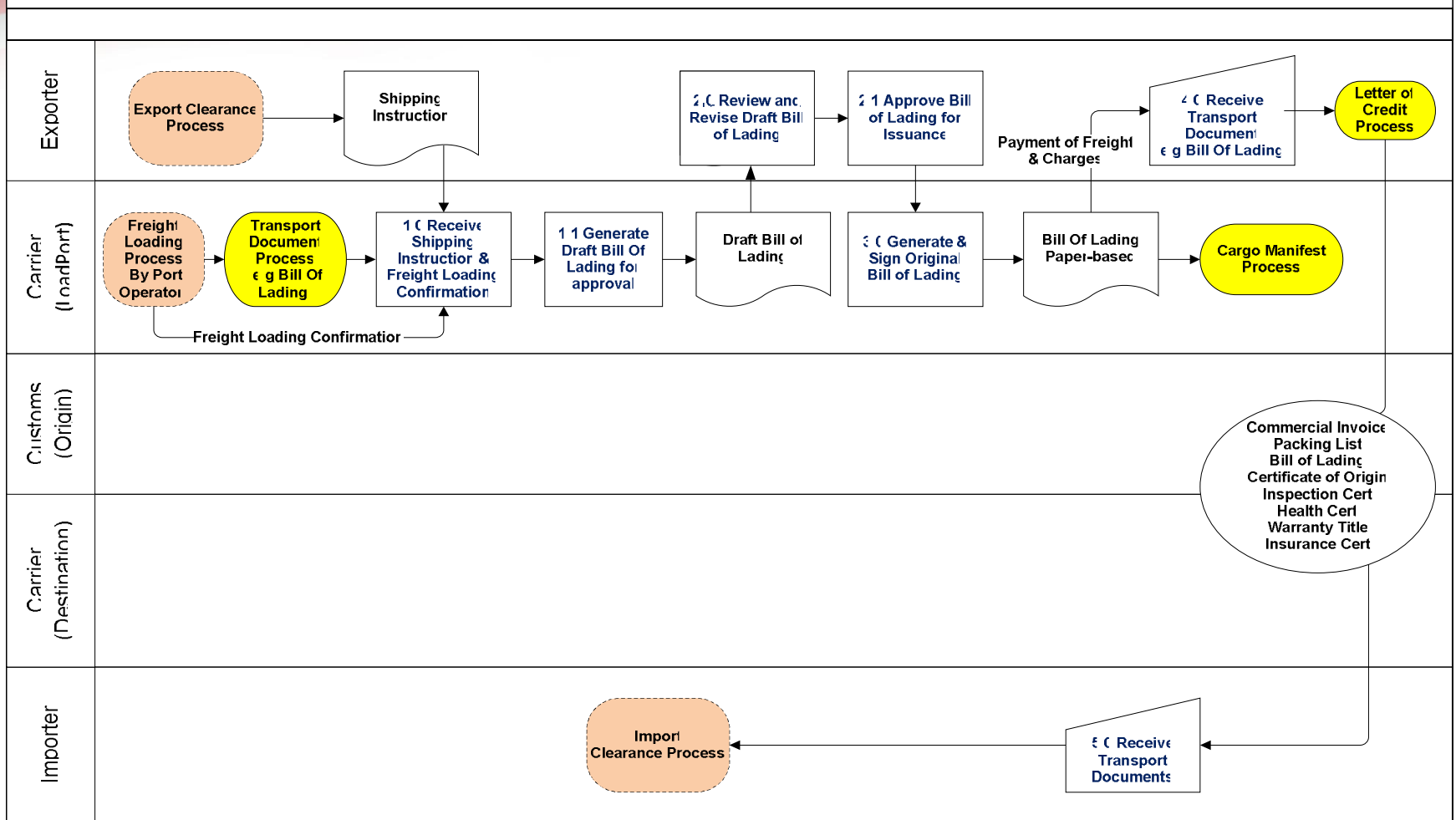
### 33 23 FREIGHT LOADING CONFIRMATION (AFTER LOADING) (TC-BE)

Declaration Flow



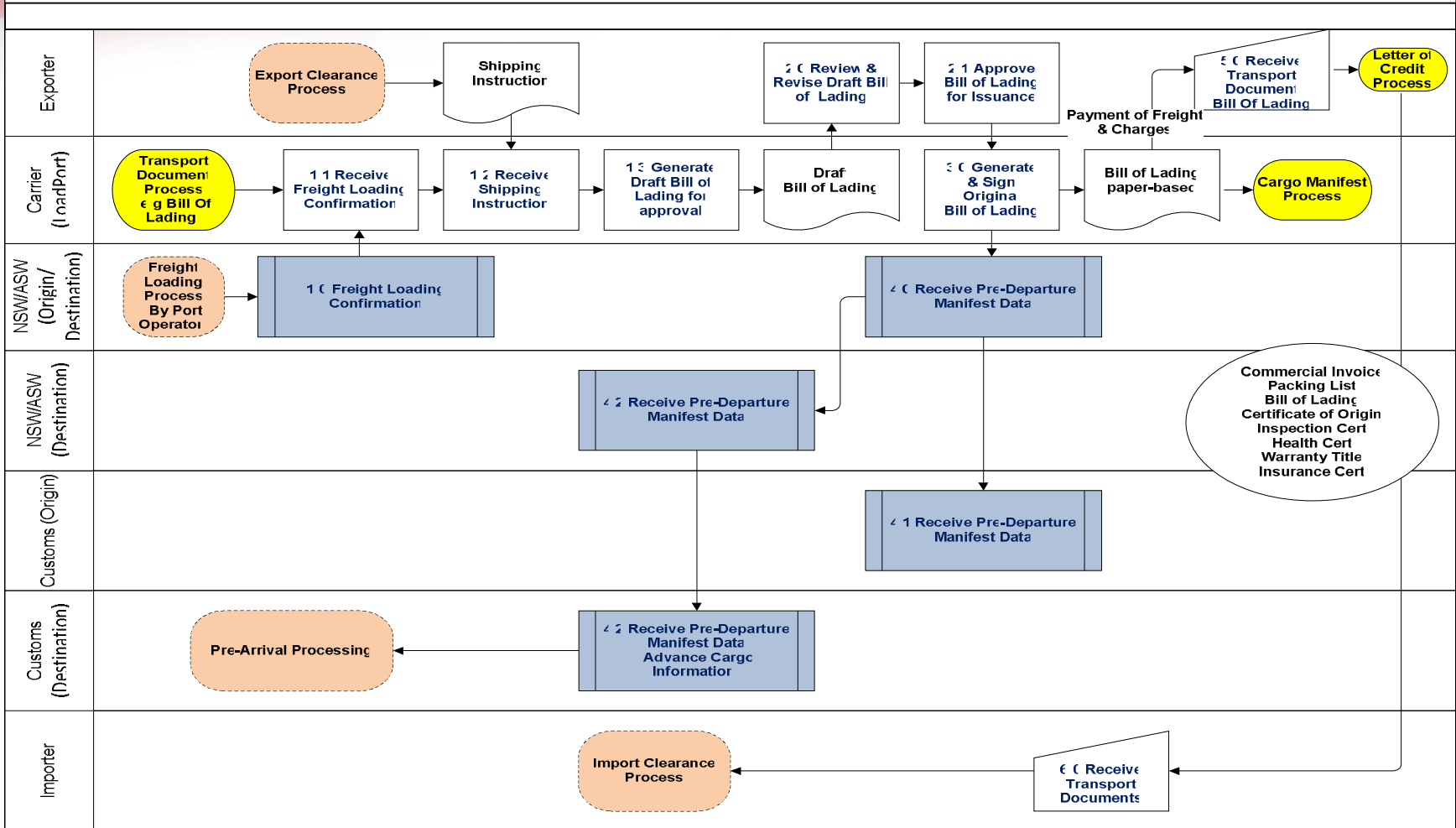


### 33 24 BILL OF LADING (AS-IS)



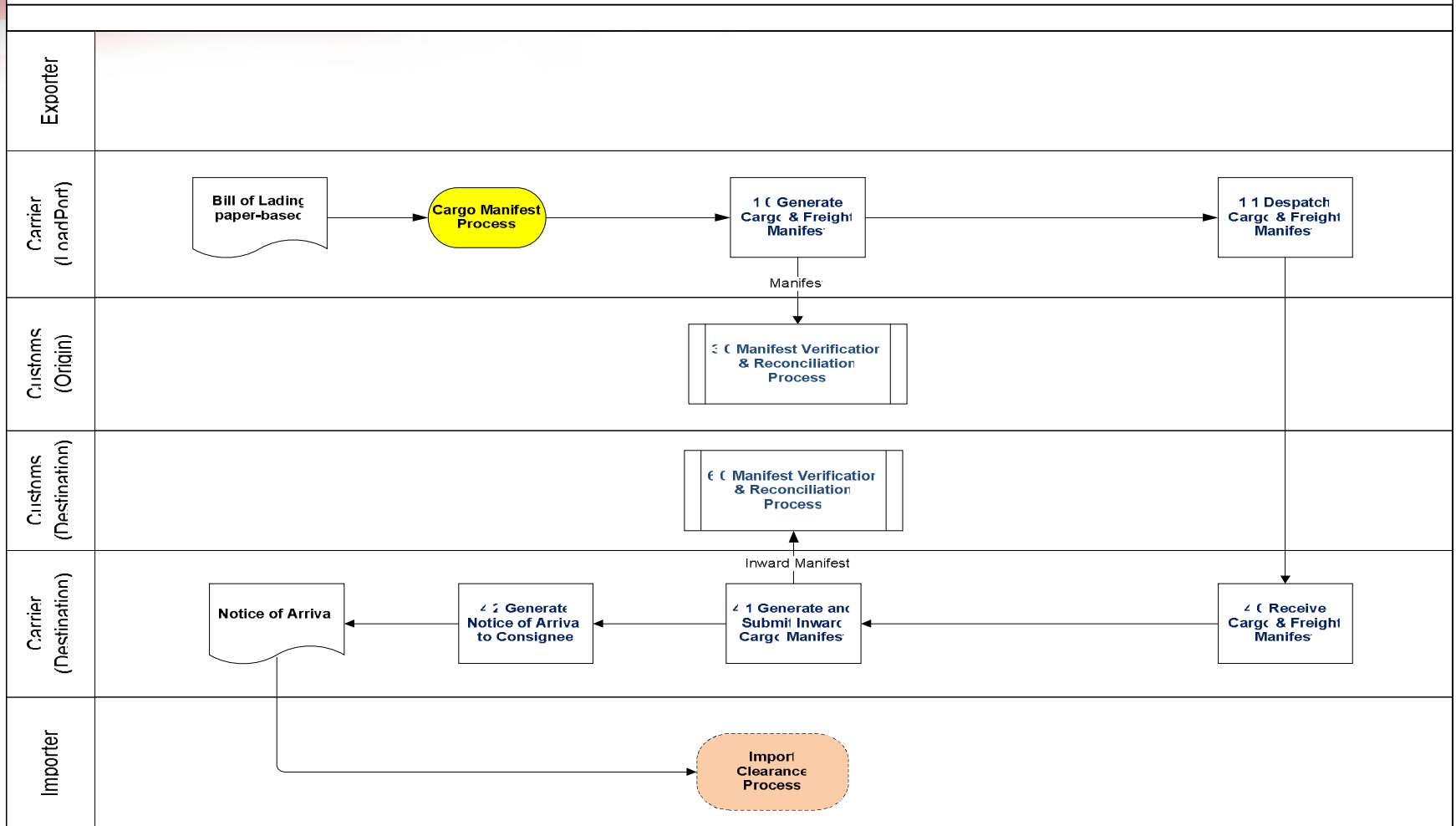


### 33 24 BILL OF LADING (TO-BE)



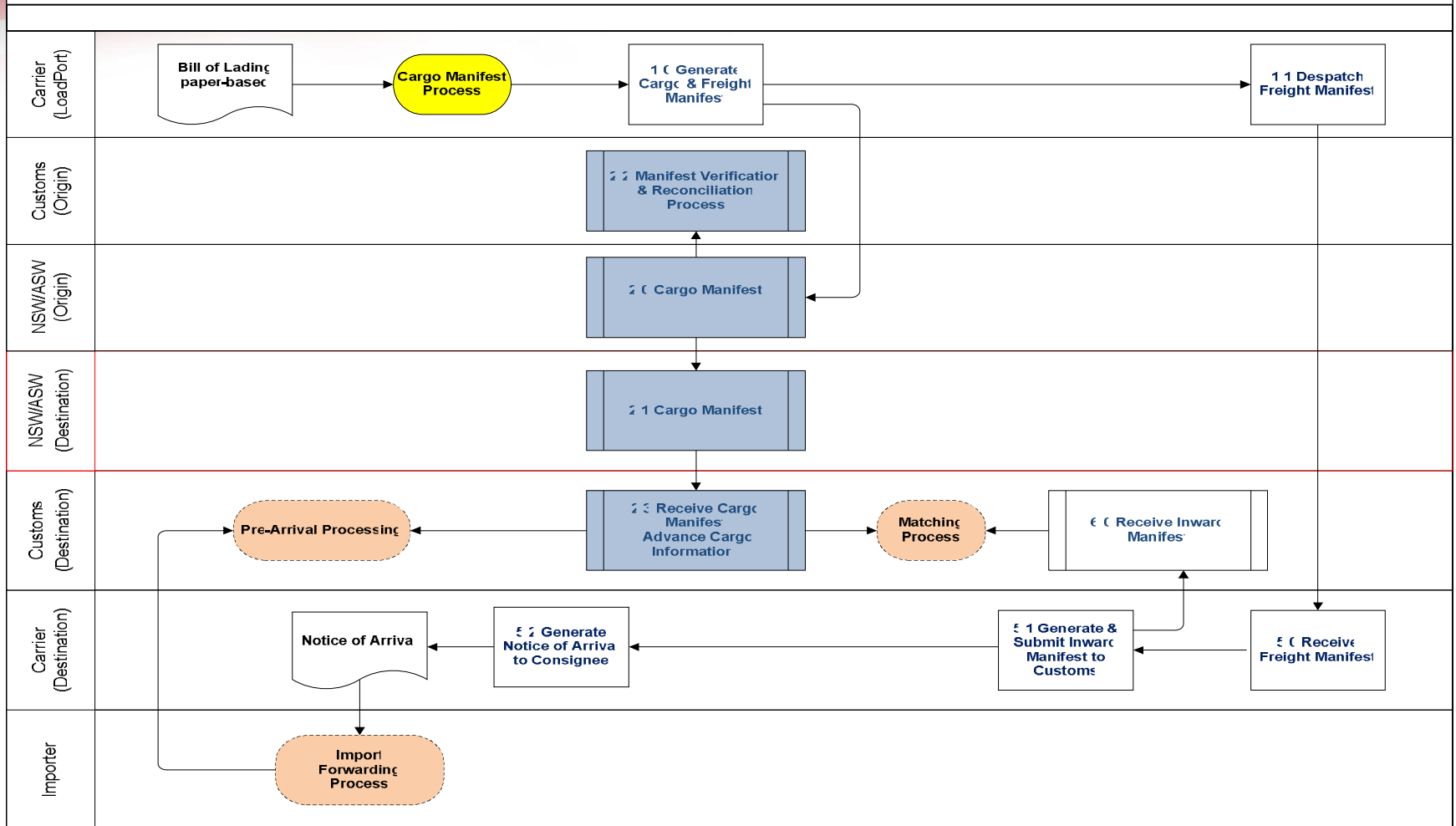


### 33 25 CARGO MANIFEST (AS-IS)





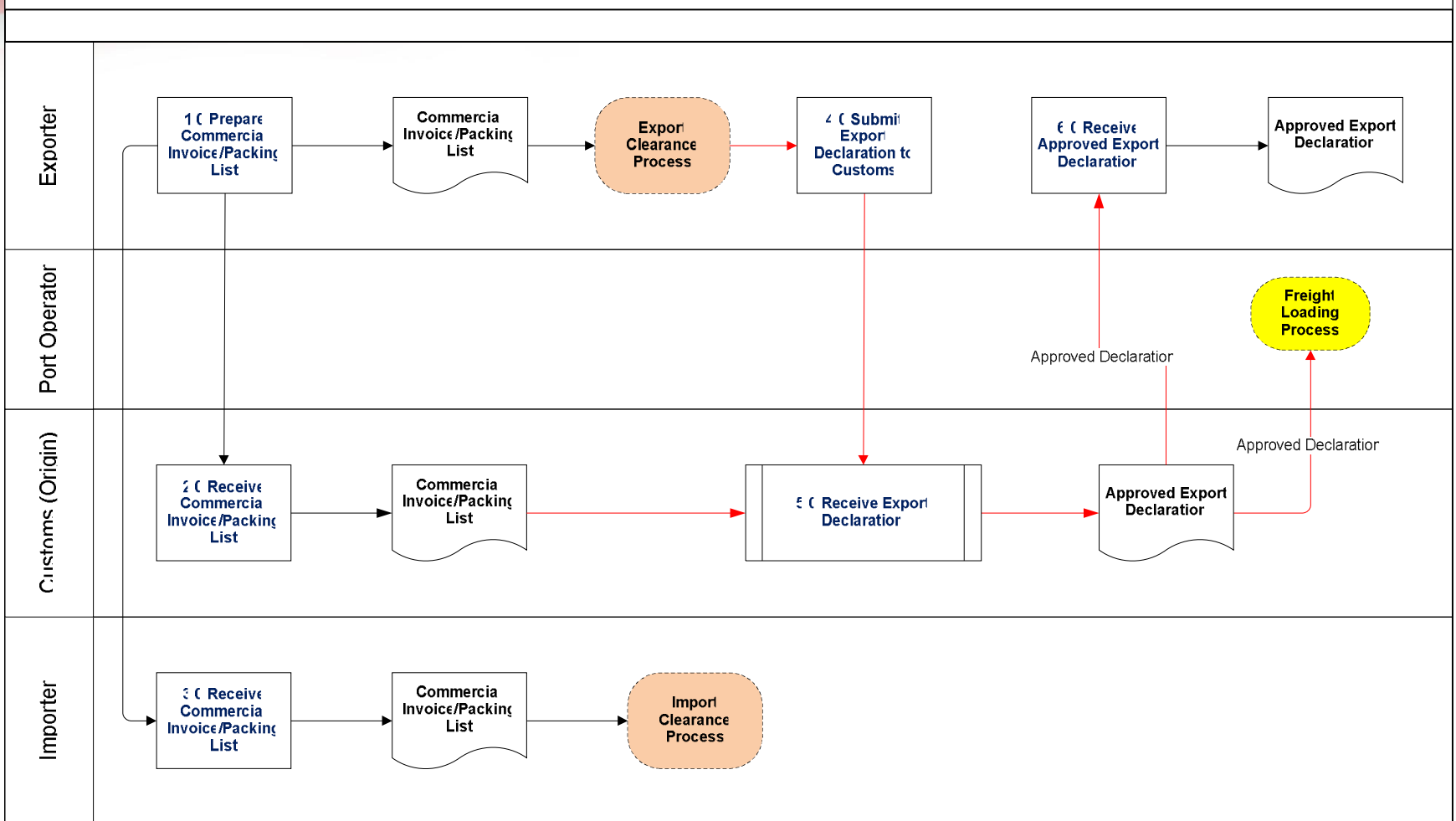
### 33 25 CARGO MANIFEST (TO-BE)





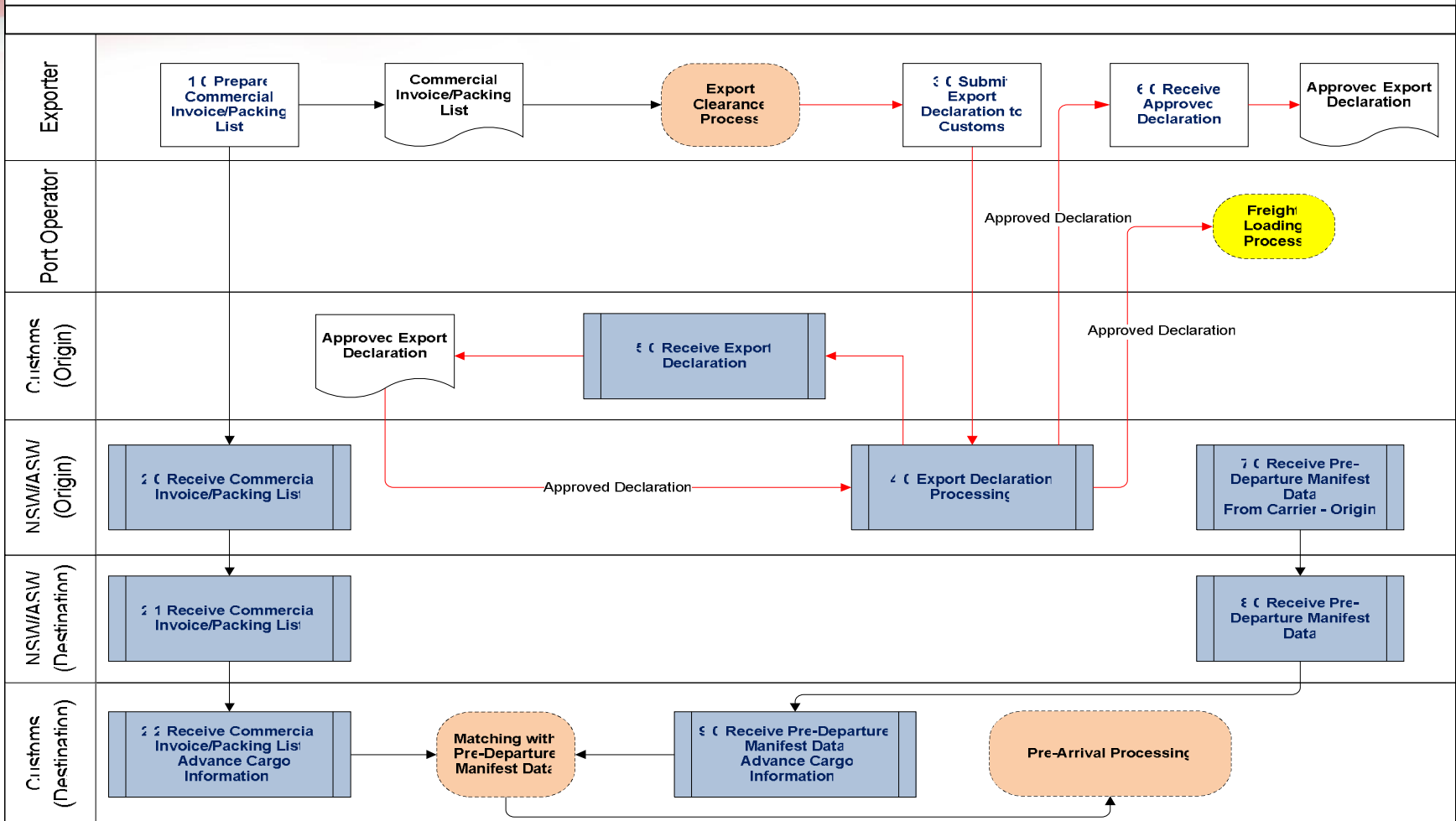


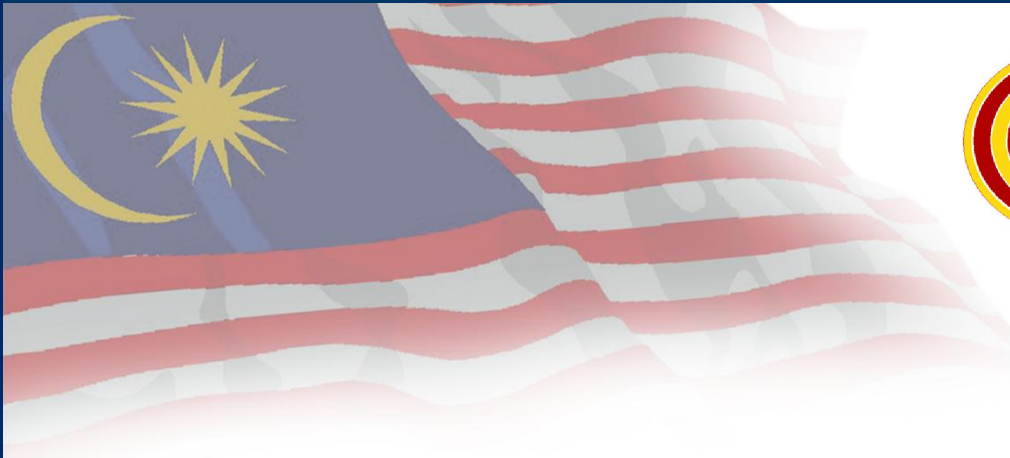
### 33 26 COMMERCIAL INVOICE AND PACKING LIST (AS-IS)





### 33 26 COMMERCIAL INVOICE AND PACKING LIST (TO-BE)





# QUESTIONS ?

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