

Airfreight Operations

By

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Sub-Committee - Learning

Thai Airfreight Forwarders Association





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Education

Western Michigan University - Haworth College of Business

Master Business Administration - Marketing

1988 - 1990

Assumption University

BBA Marketing

1982 - 1986







สมาคมตัวแทนขนส่งสินค้าทางอากาศไทย

Thai Airfreight Forwarders Association

AIRPORT OPERATIONS

FREE TRADE ZONE

CARGO HANDLING

MAINTENANCE REPAIR OVERHAUL

ปัจจุบัน มีสมาชิกทั้งหมด 145 บริษัท โดยแบ่งเป็น

สมาชิกสามัญ 92 บริษัท



สมาชิกสมทบ 53 บริษัท



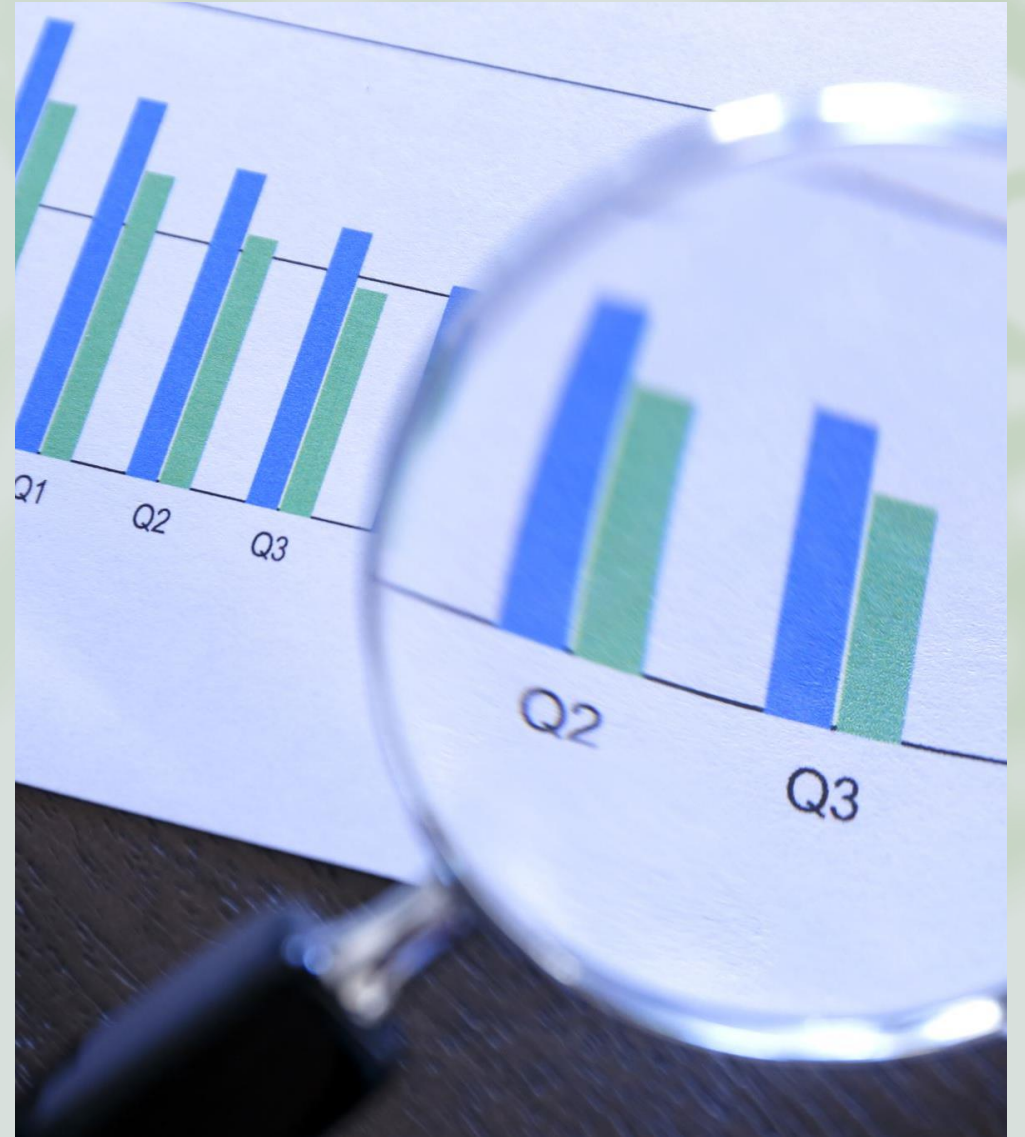
รวมทุนจดทะเบียนมากกว่า 1 ล้าน ล้านบาท



จำนวนแรงงานมากกว่า 28,000 คน

Agenda

- Overviews of Airfreight Industry
- Flows of Airfreight Operations
 - Outbound
 - Inbound
- Required Documents in International Trade



8 Verticals

- Hi-Tech, Electronic Parts & Telecom
- Computer and Parts
- Contract Manufacturing Services (CMS)
- Retails & Fashion
- Healthcare & Life Science
- Oil & Gas (Energy)
- Engineering
- Automotive

INCOTERMS - Airfreight

EXW	FCA	FOB	CFR	CIF	DAP	DDU	DDP
• Ex Work	• Free Carrier	• Free Onboard	• Cost & Freight	• Cost, Insurance and Freight	• Delivered at Place	• Delivered at Place Unloaded	• Door Delivery Duty Paid

Knowledge base in the international trade



Know Customs Regulations



Identify HS Code



Advise the customers the requirements of permit and special license (if any)



Build good rapport with key carriers to get space confirmation and rate



Thorough understanding the shipping paperwork required for customs clearance and international transportation

Who are we as
Freight Forwarder?

Consolidator

3PL / 4PL or
Outsourcing Concept

End-to-end solutions

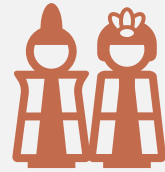
Airline vs Freight Forwarders

AIRLINE	INTERNATIONAL FREIGHT FORWARDER
Owned assets and aircrafts	Operate through 3PL concept
Manage passenger and cargo	Booking space with airline / carrier
Sell airline space through appointed agents only	Act as wholesaler and sell to the exporter / importer
Follow IATA rules - security and safety of passengers, cargo and aircraft	Comply with rules and regulation of IATA, Airlines and customs
Move cargo on airport-to-airport basis	Customize the solution of cargo movement

Airfreight Movement



Movement: by Airplane only
(Passenger, Cargo or
Combination)



Commodities: High-value
commodity, fast moving, first to
market, perishable, etc.

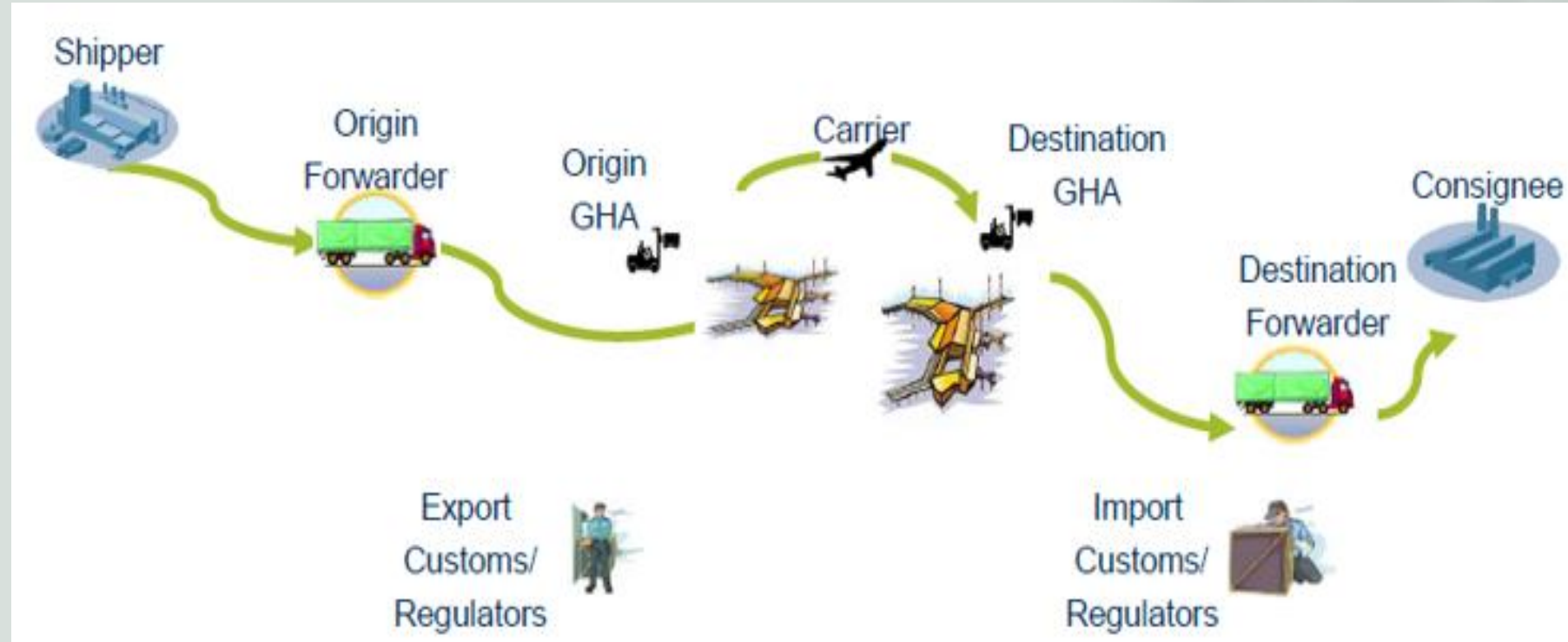
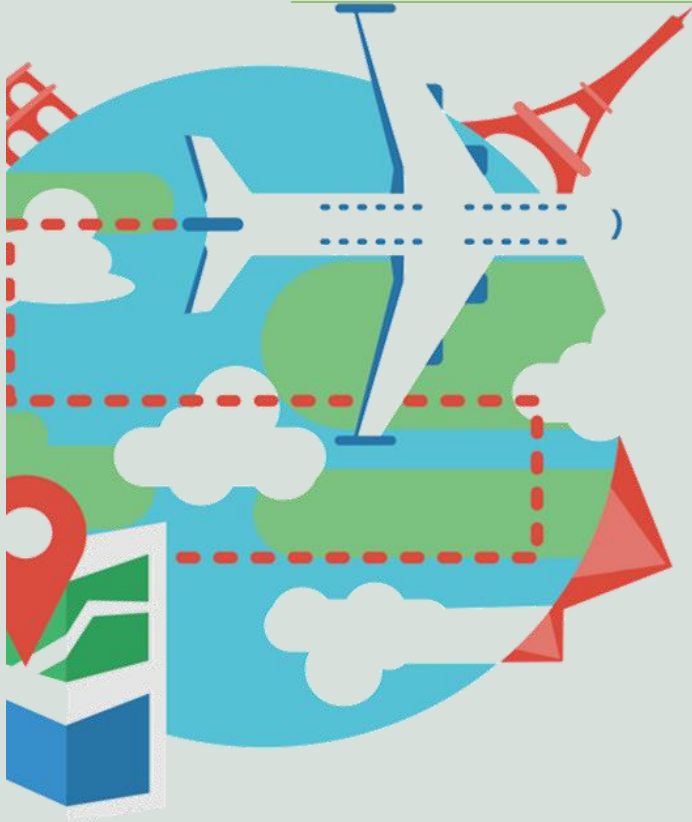


Airport Connectivity: through
all international airports

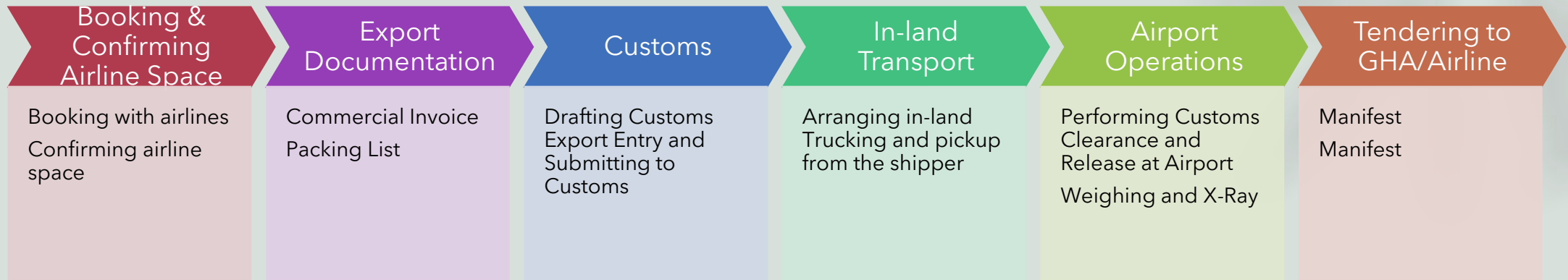
Airfreight Operations



Holistic Flows



Operations Process



Airfreight rate

Minimum

Normal

Q-Rate

Special Rate

How to calculate chargeable weight



Gross Weight

Actual weight for each package or shipment

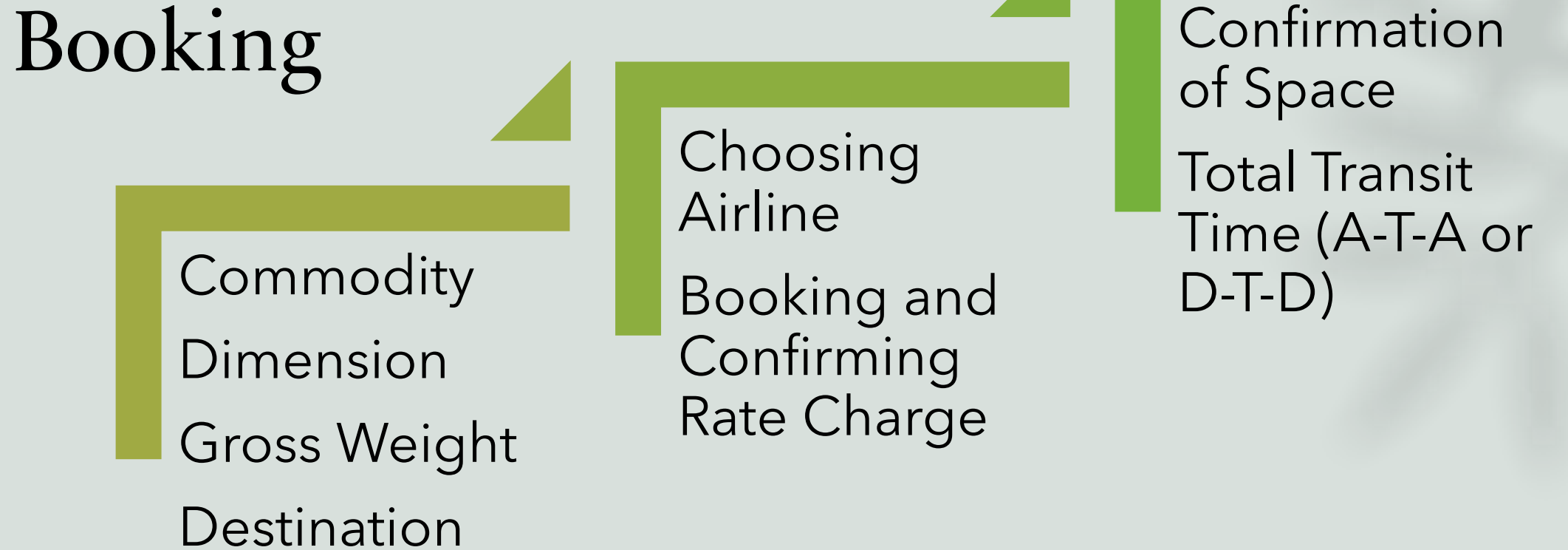


Chargeable Weight

If the dimension is greater than the gross weight, airline will use CHW as the base for freight charge

$W \times L \times H \times \# \text{ Cartons} / 6,000$

Booking

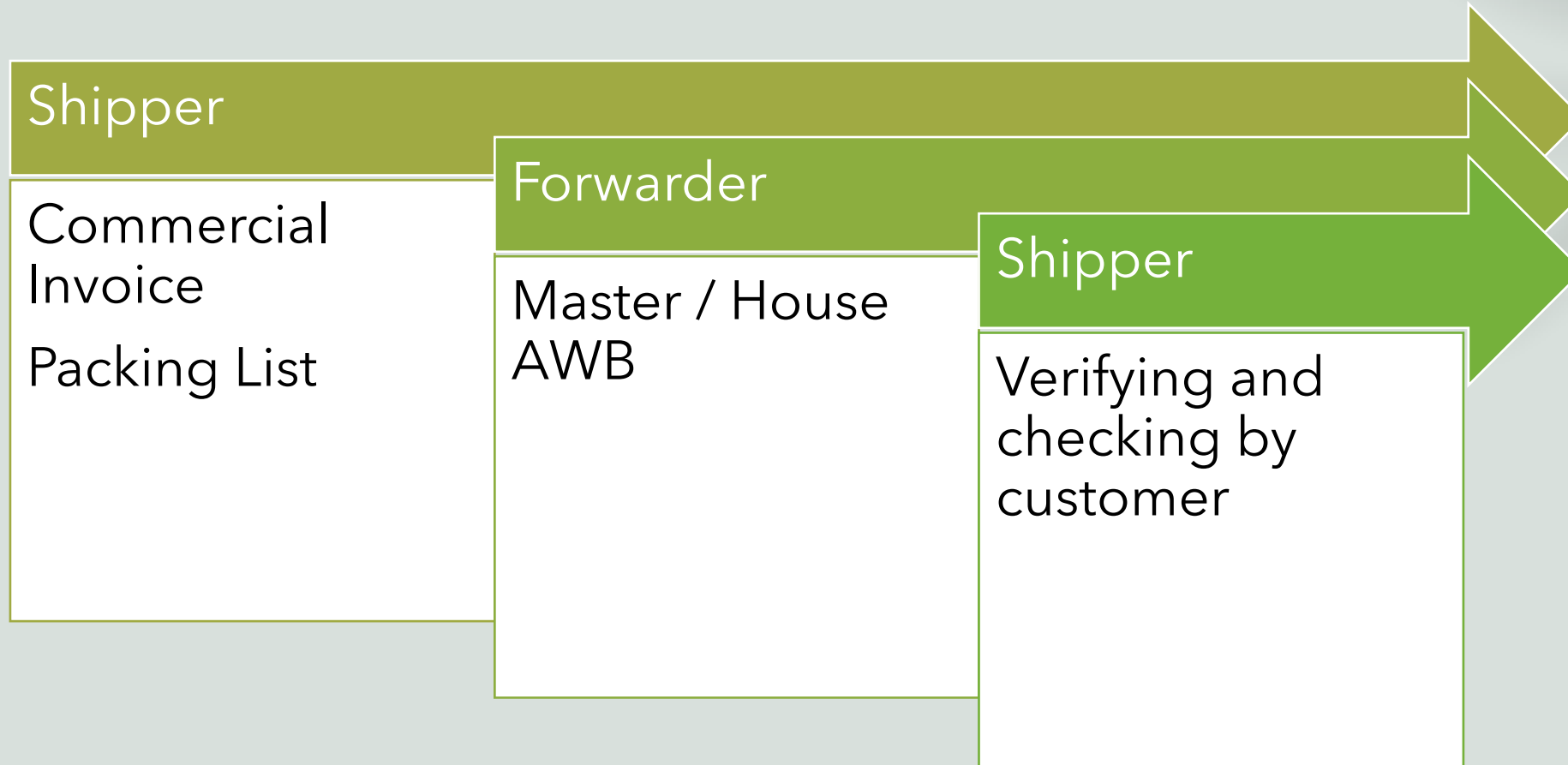


Commodity
Dimension
Gross Weight
Destination

Choosing
Airline
Booking and
Confirming
Rate Charge

Confirmation
of Space
Total Transit
Time (A-T-A or
D-T-D)

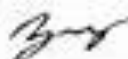
Export Documentation & Preparation



COMMERCIAL INVOICE

Date		Invoice No.					
Exporter Address City/State/ZIP Code Country Phone/Fax Contact Person		Consignee Address City/State/ZIP Code Country Phone/Fax Contact Person					
Tax ID No (EIN)	Total Gross Weight	Transportation	Tax ID No (EIN)	Terms of Sale:			
Other	Total # of Pieces	Alt/BL #	Currency				
Commodity Description	HS	Country of Manufacture	Qty	UOM	Unit Price	Total Amount	
These commodities, technologies, or software were exported from the United States in accordance with export administration regulations. Diversion contrary to United States law prohibited. We certify that this commercial invoice is true and correct.			Subtotal				
			Freight Cost				
			Insurance Cost				
			Total Invoice Value				
I/we hereby certify that the information on this invoice is true and correct and that the contents of this shipment are as stated above.							
Name		Signature			Date		

PACKING LIST

Exporter ABC Exports 4000 Longbeach Blvd Longbeach, California, 90807 United States TEL: +9427348957 Ben Thompson			 ABC Exports			Pages 1 of 1		
Consignee Complete Imports 11405 Baywater Road Oatfield Townsville, Queensland, 4814 Australia TEL: +61767281158 Owen Boon			Export Invoice No & Date 1008 30 Jan 2018			Bill of Lading No		
			Reference 1008			Buyer Reference		
			Buyer (if not Consignee)					
Method of Dispatch Sea		Type of Shipment FCL		Country of Origin of Goods United States		Country of Final Destination Australia		
Vessel / Aircraft MEXICAN EMMA		Storage No 208		Packing Information				
Port of Loading Long Beach - California		Date of Departure 03 Feb 2018						
Port of Discharge Sydney - Australia		Final Destination AUSTRALIA						
Product Code	Description of Goods	Unit Quantity	Net Weight (kg)	Kind & No of Packages	Gross Weight (kg)	Measurements (m ³)		
B-STOCK	BAR STOCK ALUMINIUM 500 X 100 X 10MM STAINLESS STEEL	40	10.00					
B-TABLE	BAR TABLE ALUMINIUM 5000 X 500 X 40MM STAINLESS STEEL	15	15.00	PALLET x 1	750.00	1.70		
Total This Page			55	25.00 kg	1	760.00 kg	1.70 m ³	
Consignment Total			55	25.00 kg	1	760.00 kg	1.70 m ³	
Additional Information				Place and Date of Issue LONGBEACH 30 Jan 2018				
				Signatory Company ABC Exports				
				Name of Authorized Signatory Randy Clark				
				Signature 				

Customs Clearance

- Customs Requirements
 - Licensed Broker
 - Customs Specialist
 - AEO (Authorized Economic Operator)
- Customs EDI
 - HS Code
 - Commodity
 - Tax Privilege
 - Special Permit

Information of the Buyer		Vehicle Registration Fee		Vehicle License Fee		Vehicle Insurance Fee		Vehicle Tax	
Buyer Name: Mr. N. N. N.		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Address: 123/456 Street, 10110		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Phone: 09-123456789		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Email: n.n.n@example.com		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer ID: 123456789		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Date of Birth: 12/12/1990		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Gender: Male		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Nationality: Thai		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Religion: Buddhist		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Marital Status: Single		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Education: High School		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Occupation: Teacher		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Income: 100000 THB		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Assets: 200000 THB		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Liabilities: 0 THB		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Credit Score: 750		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Bank: Thai Bank		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Account: 123456789		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Signature: N. N. N.		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Stamp: [Stamp]		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Date: 12/12/2023		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Time: 10:00 AM		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Location: Bangkok		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Country: Thailand		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Continent: Asia		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Hemisphere: Eastern		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Region: South-East		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Country Code: TH		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Type: Car		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Model: Toyota		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Year: 2023		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Color: Red		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Weight: 1500 KG		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Capacity: 5 Seats		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Fuel Type: Gasoline		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Engine: 1.8L		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Transmission: Automatic		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Mileage: 10000 KM		Vehicle Registration Fee: 000000		Vehicle License Fee: 000000		Vehicle Insurance Fee: 000000		Vehicle Tax: 000000	
Buyer Vehicle Condition: Good		Vehicle Registration Fee: 00000							

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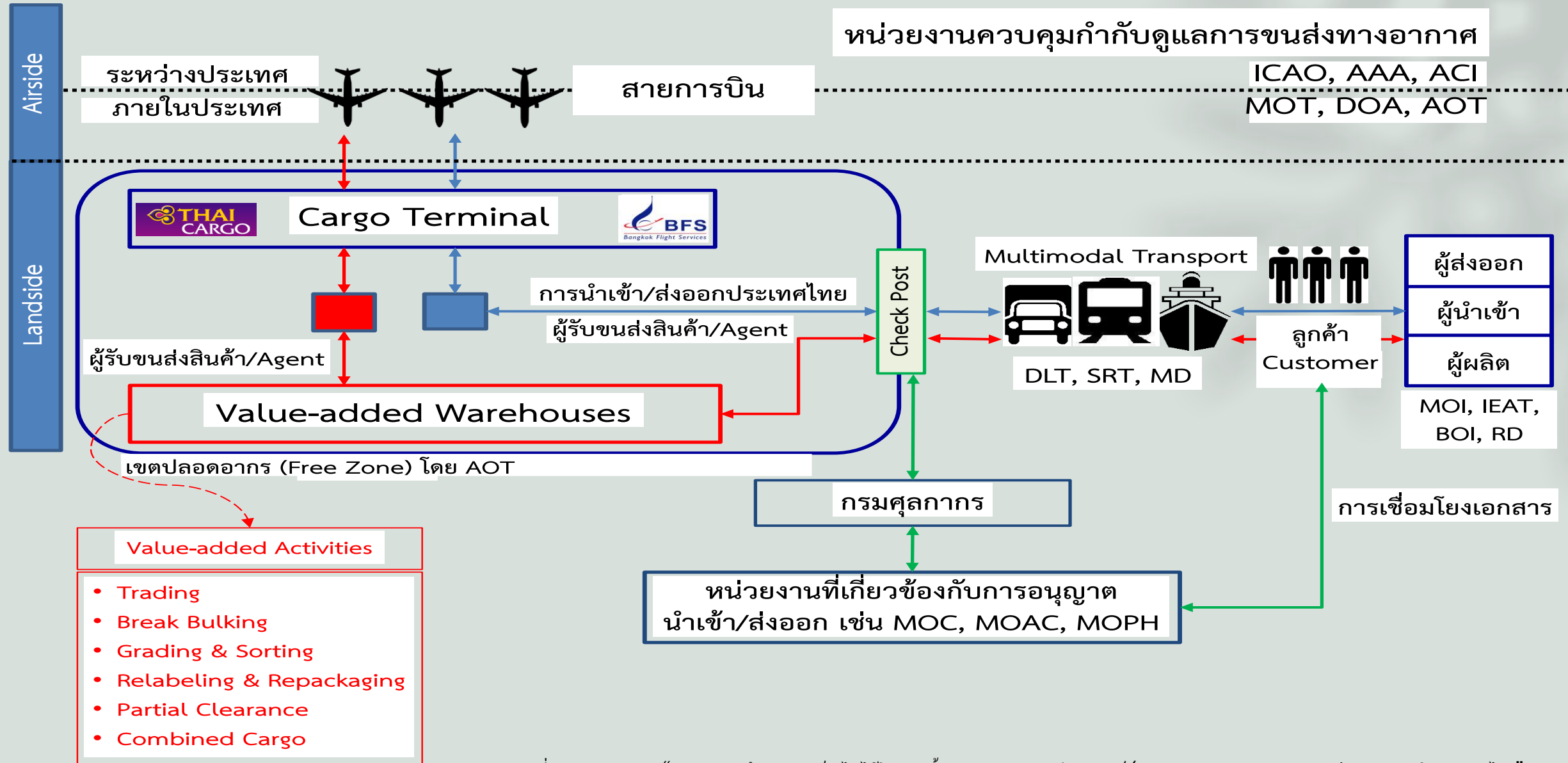


Pickup / In-land Transportation

- Security Measures
 - Route Management / Alternate Route
 - GPS Capability
 - Emergency Stop
 - Police Patrol
 - Approved List of Drivers and Trucks with valid license
 - Condition of trucks (with seals)



กระบวนการใน Free Zone



ที่มา: ปรับปรุงจาก “รายงานการศึกษาความเป็นไปได้ในการสร้างเขตอุตสาหกรรมโลจิสติกส์ (Logistics Park) สำหรับท่าอากาศยานในประเทศไทย”

Airport Operations



Airline
Confirmation of
Flight Departure



Labelling Airline /
Forwarder tags



Unloading



Customs Clearance
and Release



Weighing and X-
Ray

Q&A

