MONOGRAPH SERIES ON TRANSPORT
FACILITATION AND LOGISTICS
DEVELOPMENT IN ASIA AND THE
PACIFIC

STUDY ON PAPERLESS TRANSIT



Monograph Series on Transport Facilitation and Logistics Development in Asia and the Pacific

STUDY ON PAPERLESS TRANSIT



This study report was prepared by Transport Division ESCAP under the joint ESCAP (TID, TD and IDD) and ECE Development Account Project - Eighth Tranche entitled "Deepening Regional Connectivity: Strengthening Capacities of Asian Developing Countries to Increase Intra-regional Trade by Implementing Paperless Trade and Transport Facilitation Systems". The preliminary draft of the study was prepared by Mr. Gordon Linington, Consultant, which was further elaborated and completed by Mr. Goran Andreev, Consultant, under the supervision of Mr. Sandeep Raj Jain, Economic Affairs Officer, Transport Facilitation and Logistics Section (TFLS), Transport Division. The study was guided by Mr. Li Yuwei, Chief, TFLS.

The views expressed in this study report are those of the authors and do not necessarily reflect the views of the United Nations Secretariat. The opinions, figures and estimates set forth in this study report are the responsibility of the authors, and should not necessarily be considered as reflecting the views or carrying the endorsement of the United Nations.

The designations employed and the presentation of the material in this study report do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area, or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Mention of firm names and commercial products does not imply the endorsement of the United Nations.

This study report is issued without formal editing.

CONTENTS

		Page
I.	BACKGROUND	1
II.	MAIN REQUIREMENTS OF TRANSIT SYSTEMS	4
	A. Defining Transit	4
	Types of Transit	5
	B. Customs Related Requirements of Transit	7
	1. Customs Transit Formalities	8
	2. Goods Declaration for Transit	9
	3. Security (Guarantee System)	11
	4. Responsibility of Persons in Customs Transit Procedures	12
	5. Customs Seals	13
	6. Simplified Procedures	14
	C. Other Requirements of Transit	14
III.	EUROPEAN COMMON TRANSIT SYSTEM	18
	A. Key Principles of the Common Transit Procedure	19
	B. Common Transit Procedure in Practice	23
IV.	ADVANTAGES OF PAPERLESS TRANSIT SOLUTIONS IN INTERNATIONAL TRANSIT SYSTEMS	34
	A. General Advantages of International Transit Systems	
	B. Advantages of Paperless Transit to Private Sector	
	C. Advantages of Paperless Transit to Governments	43

V.	PAPERLESS TRANSIT AND ITS LINKAGES TO ELECTRONIC INFORMATION SYSTEMS			
	A.	Paperless Transit and Electronic Customs Declaration Processing Systems	. 46	
	В.	Paperless Transit and Single Window Environment	48	
		Understanding of Single Window Concept	. 48	
		2. Planning and Implementing a Single Window Environment	. 51	
		3. Single Window Data Harmonization	. 55	
	C.	Paperless Transit and its Linkages with the WCO Data Model	. 57	
VI.	RE	GIONAL AND NATIONAL PAPERLESS TRANSIT RELATED CASE STUDIES.	60	
	A.	The ASEAN Customs Transit System (ACTS)	61	
	В.	International Transit of Goods (TIM) System in Mesoamerican Countries	64	
	C.	Examples of Sub-Regional Customs Transit Systems in Africa	66	
	D.	National Customs Transit System in Malaysia	70	
	E.	National Customs Transit System in Thailand	. 74	
	F.	National Customs Transit System in Ghana	. 78	
VII.	СН	IALLENGES TO PAPERLESS TRANSIT IN THE REGION	. 81	
	A.	Political Commitment	. 81	
	В.	Challenges of Inter-Agency Coordination and Collaboration with Private Sector	. 82	
	C.	Designing, Improving, and/or Adopting Existing Paperless Transit Regimes	. 83	
	D.	Establishing Legal Framework	. 86	
	E.	ICT Infrastructure and Interoperability	. 87	
	F.	Addressing Implementation Issues	. 89	
	G.	Demand and Resistance from Users	90	
	н	Overall International Transport Environment	92	

CONTENTS (continued)

	F	age
VIII,	THE ROLE OF GOVERNMENTS AND INTERNATIONAL ORGANIZATIONS IN INTRODUCING AND PROMOTING PAPERLESS TRANSIT	93
	A. The Role of Individual Governments	93
	B. Regional or Sub-Regional Bodies and International Organizations	96
IX.	THE WAY AHEAD	102
AN	NEXES	
l.	ELECTRONIC DATA PROCESSING OPTIONS IN TIR SYSTEM AND eTIR PROJECT	108
II.	CATEGORIZATION OF SINGLE WINDOW MODELS	115
III.	REGIONAL INTEGRATION INITIATIVES AS A BACKGROUND FOR REGIONAL TRANSIT SYSTEMS	118
REI	FERENCES	
	LIST OF REFERENCES	121
LIS	T OF BOXES	
1.	Essential Components of International Transit	6
2.	Main Electronic Messages in the Common Transit Procedure	21
3.	Simplifications in Common Transit Procedure	27
4.	Weaknesses of Paper Based Common and Community Transit Systems Detected in the Early 1990s	36
5.	Main Objectives of the NCTS	39
6.	ASYCUDA – Automated System for Customs Data	46
7.	ASEAN Framework Agreement on the Facilitation of Goods in Transit: Status of Protocols	62
8.	Challenges to Electronic Linkage among Border Agencies	88
9.	Great Mekong Subregion – Customs Transit System (GMS-CTS)	91
10.	Regional Strategic Framework (RSF)	96
11.	ESCAP Secure Cross Border Transport Model	105

LIST OF FIGURES

		Page
1.	International Transit and Relation with Transit Systems	5
2.	Repetitive Cycle of Transit Formalities in International Transit	8
3.	Architecture of NCTS	22
4.	Common Transit Procedure (at the Customs Office of Departure and Customs Offices of Transit)	24
5.	Common Transit Procedure (at the Customs Office of Destination)	26
6.	Common Transit Procedure (Authorized Consignor)	28
7.	Common Transit Procedure (Authorized Consignee)	29
8.	Complex Environment of International Transit	49
9.	Single Window Concept	50
10.	Cross Border Regulatory Exchanges	53
11.	International Instruments and Step-by-Step Development of Single Window	56
12.	WCO Data Model Components	58
13.	Common Regulatory Goods Declaration	59
14.	Operation of TIM System in Central America	65
15.	RADDEx 1.0 and RADDEx 2.0 comparison	68
16.	Development of Malaysian Single Window Environment	70
17.	Malaysia's Single Window Environment	71
18.	On-line tracking and Check Points in Ghana's i-Transit System	79
19.	ESCAP Secure Cross-Border Transport Model	106
	ANNEX I	
1.	TIR-EPD Integration with Customs Information System	109
2.	Information Flow between the Actors of the eTIR System	112
3.	Example of eTIR Formalities (at the customs office of departure)	113
	ANNEX II	
1.	Overview of Trade, Transport and Regulatory Processes	116

LIST OF TABLES

	1	Page
1.	Requirements for Reduction of Comprehensive Guarantee and Guarantee Waiver	31
2.	Contributions of Transit Performance to the Cost Factors	34
3.	Cargo Clearance through ICT and NSW Development in Thailand	75
4.	Benefits of Using e-Seal (RFID) for the Export in Thailand	76
5.	Benefits of Using e-Seal (RFID) for the Import in Thailand	77

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5_2987

