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Víctor Hugo Chacón

The Due Diligence in Maritime Transportation in the Technological Era



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Víctor Hugo Chacón Panama Panama

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Preface

The idea of developing a research on this topic arose from my practice in maritime litigation before the Maritime Courts of Panama. Most of the cases related to cargo claims I handled were subject to the application of the Hague/Hague-Visby rules. In some of them, the loss or damages could have been prevented by the application of new technologies. Under the duties and liability standard set in the rules, questions often arise as to what new technologies should be required as part of the obligation to exercise due diligence in making the ship seaworthy and to care cargo? Or, when can carriers be held liable for loss of or damage to cargo that could have been prevented by the application of new technological instruments, methods, or devices? In the absence of a response, there is abundant litigation in the courts around the world. The idea to approximate an answer to these questions became then a thesis proposal, which was accepted as a doctoral dissertation by the University of Hamburg, Germany.

I must express my highest respect and gratitude to my supervisor Prof. Dr. Rüdiger Wolfrum. Without his admission and guidance, as his doctoral student, this work would not have been possible. I conducted this project as an associated researcher of the International Max Planck Research School for Maritime Affairs at the University of Hamburg. That allowed me to make the research at the library of the Max Planck Institute for Comparative and International Private Law in Hamburg. To the board of directors and the staff of the School as well as of the Institute, I express my deepest gratitude. This project was possible thanks to a scholarship granted by the National Secretary for Science and Technology (Secretaria Nacional de Ciencia y Tecnología—SENACYT), the Institute for the Promotion of the Human Resources (Instituto para la Formación y Aprovechamiento de los Recursos Humanos—IFARHU), both Panamanian institution, and the German Academic Exchange Service (DAAD). To these three institutions, I am deeply indebted.

I must thank also to my colleagues of the IMPRS for maritime affairs, specially to Sarah Gahlen, for her constant and unconditional help, and to Lina Wiedenbach and Young-Kyung Yoon. My high regards go also to the very talented and committed professors, researchers, and doctoral candidates from all around the world

vi Preface

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Finally, but the most important, I must thank my beloved mother, whose early departure shortly before starting this project made this a challenge, but her exemplary life and efforts to grant me an education are reasons enough to honor her in all my endeavors. Because of her and for her are all my achievements.

Panama, Panama June 2017 Víctor Hugo Chacón

Contents

Pr	eface					V		
Co	onten	ts				vii		
Al	brev	iations				xiii		
1	Intr	oductio	n			1		
	1.1	Purpos	e of the S	tudy		1		
	1.2				f Goods by Sea	2		
		1.2.1				2		
	1.2.2 The Parties Involved					3		
			1.2.2.1		oer	3		
			1.2.2.2		er	3		
				1.2.2.2.1	Private Carrier	4		
				1.2.2.2.2	Common Carrier	5		
		1.2.3	Respecti	ive Obligat	ions	6		
			1.2.3.1	_	arrier	6		
				1.2.3.1.1	To Provide a Seaworthy Ship	7		
				1.2.3.1.2	Reasonable Dispatch	7		
				1.2.3.1.3	Not to Deviate from the Agreed			
					Route	8		
			1.2.3.2	On the Sh	nipper or Charterer	11		
				1.2.3.2.1	Not to Ship Dangerous Goods	11		
				1.2.3.2.2	To Nominate a Safe Port	12		
2	The	Origin	of the Ob	oligation of	f Practicing Due Diligence			
	in N	Iaritime	Transpo	rtation		15		
	2.1 The Evolution of the Standard of Carrier's Liability							
		in Mar	itime Trar	nsportation		15		
		2 1 1	Introduc	tion		15		

viii Contents

	2.1.1.1	The Shift	of the Standard of Liability	15
	2.1.1.2	The Histo	rical Maritime Law	16
2.1.2	Historic	al Sources	of Maritime Law	21
	2.1.2.1	Hammura	bi's Code of Laws	21
	2.1.2.2	The Roma	an Law	22
		2.1.2.2.1	Historical Context	22
		2.1.2.2.2		23
		2.1.2.2.3	Standard of Care for Sea Common	
			Carriers	26
	2.1.2.3	The Sea I	Law of Rhodes	33
		2.1.2.3.1	Historical Context	33
		2.1.2.3.2	The Standard of Carrier's Liability	34
	2.1.2.4	The Rules	s of Oleron	37
			Historical Context	37
		2.1.2.4.2	The Standard of Liability	38
	2.1.2.5	The Cons	ulate of the Sea	40
		2.1.2.5.1	Historical Context	40
		2.1.2.5.2	The Standard of Liability	41
2.1.3	Anglo-A	American M	Iaritime Law	44
	2.1.3.1	The Marit	time Law of England	44
		2.1.3.1.1	The Influence of Roman Law	
			on the Admiralty Courts	44
		2.1.3.1.2	The Sea Carrier as a Bailee	46
		2.1.3.1.3	The Distinction of Common	
			Carrier	48
		2.1.3.1.4	The Common Sea Carrier	
			as an Insurer of the Cargo	51
		2.1.3.1.5	Additional Reasons for the	
			Absolute Standards	53
		2.1.3.1.6	The Decline of the Absolute	
			Standard	57
	2.1.3.2	Internation	nal Attempts for Regulation	
		and Unific	cation	61
		2.1.3.2.1	The Liverpool Conference	
			of 1882	61
		2.1.3.2.2	The Hamburg Conference	
			of 1885	63
		2.1.3.2.3	Results of These Conferences	64
	2.1.3.3	The Marit	time Law of the United States	
		of Americ	ca	64
		2.1.3.3.1	The Standard of Liability	
			for Sea Carriers	64
		2.1.3.3.2	Restrictions to the Principle	
			of Freedom of Contract	66

Contents ix

				2.1.3.3.3	The Enactment of the Harter Act of 1893	69			
		2.1.4	Internati	onal Regula	ations for the Carriage of Goods	0)			
			by Sea.			73			
			2.1.4.1	The Hague	e Rules—1924	73			
				2.1.4.1.1	History of Its Adoption	73			
				2.1.4.1.2	Scope of Application	76			
				2.1.4.1.3	The Standard of Liability	77			
				2.1.4.1.4		79			
				2.1.4.1.5	Amendments	84			
			2.1.4.2		ourg Rules—1978	86			
				2.1.4.2.1	Adoption and Generalities	86			
				2.1.4.2.2	Scope of Application	88			
					Period of Responsibility	88			
					Liability Rule	89			
				2.1.4.2.5	Objections	91			
			2.1.4.3		rdam Rules—2009	92			
			2.1.4.3	2.1.4.3.1	Adoption and Generalities	92			
					-	92			
					Period of Responsibility				
	2.2	C 1	. •		Liability Rules	94			
	2.2					96			
3		The Obligation of Practicing Due Diligence in the Carriage of Goods by Sea							
	of Goods by Sea								
		of Lading							
			Laws			101			
			3.1.1.1	English La	aw	103			
				3.1.1.1.1	The Carriage of Goods by Sea Act				
					of 1924	103			
				3.1.1.1.2	The Carriage of Goods by Sea Act				
					of 1971	104			
			3.1.1.2	American	Law	105			
				3.1.1.2.1	The Carriage of Goods by Sea Act				
					of 1936	105			
			3.1.1.3	German L	aw	108			
	3.2	The Ca			he Hague/Hague-Visby Rules	111			
	3.2	3.2.1			ligence	111			
		J.2.1	3.2.1.1		of Due Diligence	111			
			3.2.1.1		stics of the Obligation	113			
			J.4.1.4		Due or Reasonable	113			
					Diligence or Care	115			
					The Degree of Diligence	115			
				1/1/1	тие пеотее от глибенсе	110			

x Contents

	3.2.2	The Ship's Seaworthiness				
		3.2.2.1		of Seaworthiness	118	
			3.2.2.1.1	Conceptualization for the Maritime		
				Insurance Contract	118	
			3.2.2.1.2	Conceptualization for the Carriage		
				of Goods by Sea	118	
		3.2.2.2	Legal Asp	pects	120	
			3.2.2.2.1	An Overriding Obligation	120	
			3.2.2.2.2	Not Delegable	121	
			3.2.2.2.3	Liability Depends on Direct Control		
				of the Vessel	123	
		3.2.2.3	Technical	Aspects	124	
			3.2.2.3.1	Objective Aspect	124	
			3.2.2.3.2	Relative Aspect	125	
			3.2.2.3.3	Evolution	128	
			3.2.2.3.4	Foreseeability	129	
			3.2.2.3.5	Fragmentation	130	
		3.2.2.4		st Due Diligence Be Practiced?	144	
			3.2.2.4.1	Before and at the Beginning		
				of the Voyage	144	
			3.2.2.4.2	No Doctrine of the Stages		
				Under HR	146	
		3.2.2.5		ractice Due Diligence to Make		
				Seaworthy?	147	
			3.2.2.5.1	The Previous Standard	147	
			3.2.2.5.2	The Current Standar+d	148	
			3.2.2.5.3	Type of Defects	150	
				Professional Inspections	151	
			3.2.2.5.5	The Presumption of		
				Unseaworthiness	152	
	3.2.3			urgo	153	
		3.2.3.1		s Under the Harter Act	154	
		3.2.3.2	_	ation Under the Hague/Hague-Visby		
					156	
				Not an Overriding Obligation	156	
				Period of Time of the Obligation	156	
			3.2.3.2.3	Meaning of the Words "Properly		
				and Carefully"	156	
			3.2.3.2.4	Load, Handle, Stow, Carry, Keep,		
	<i>a .</i>			Care for and Discharge the Goods	158	
3.3	Conclus	s10n			160	

Contents xi

	4.1						
	4.1	The Tec	chnologic	al Era	163		
		4.1.1	The Dev	relopment of Shipping Technology	163		
		4.1.2	The Dev	velopment of Containerization	165		
		4.1.3	New Ris	sks in Maritime Navigation	167		
	4.2	•					
		by Sea			168		
		4.2.1	Introduc	tion	168		
		4.2.2		olving Nature of the Seaworthiness Condition	169		
			4.2.2.1	The Condition of the Vessel			
				and its Equipment	169		
			4.2.2.2	The Technical Knowledge of the Crew	172		
		4.2.3		ssification of Technologies Used in Maritime			
			Transpor	rtation	174		
			4.2.3.1	Technologies Applied Unilaterally			
				by Carriers	175		
				4.2.3.1.1 Radio Communications	176		
				4.2.3.1.2 The Compass	180		
				4.2.3.1.3 Navigation Charts	183		
				4.2.3.1.4 The Radar	184		
				4.2.3.1.5 Newer and Safer Methods	192		
				4.2.3.1.6 Other Equipment	195		
			4.2.3.2	Technologies Contractually Agreed	196		
				4.2.3.2.1 Refrigeration Systems	197		
				4.2.3.2.2 Controlled Atmosphere			
				Containers	200		
			4.2.3.3	Technologies Ordered by Statutes,			
				International Regulations and Standards	201		
	4.2	<i>a</i> .	T 1 1 111	of Classification Societies	201		
	4.3		-	for Lack of Application	210		
				ogies	213213		
		4.3.1 4.3.2		tion	213		
		4.3.2	4.3.2.1	the Efficiency of New Technologies	213		
			4.3.2.1	The Consequences of the Minimum Liability Set in the H/H-VR	215		
			4.3.2.2	The Cost of Taking Precautions	218		
	4.4	Conclus		The Cost of Taking Frecautions	220		
	4.4	Conclus	SIUII		220		
Su	mma	ry of the	Study .		223		
Lis	st of (Cases Ci	ited and	Reported	227		
R۵	feren	ces			241		

Abbreviations

A.C. Law Reports, Appeal Cases, England and Wales

A.M.C. American Maritime Cases
All ER All England Law Reports
Am. Dec. American Decisions

Am. J. Comp. L. American Journal of Comparative Law

Am. L. Rev. American Law Review

Am. Law Reg. American Law Register United States

App. Cas. Law Reports, Appeal Cases (Second Series) England and

Wales

B. & Ald.
Barnewall and Alderson's King's Bench Reports
B.C.S.C.
Supreme Court of British Columbia, Canada
Burr.
Burrow's King's Bench Reports tempore Mansfield
C.A.N.Y.
United States Court of Appeal, Second Circuit
C.C.S.N.Y.
Circuit Court, Southern District of New York
C.F.R.
United States Code of Federal Regulations

C.P.D. Common Pleas Division
Camb.L.J. Cambridge Law Journal
Can. B. R. Canadian Bar Review

Ch.D. Law Reports, Chancery Division, England and Wales

CMI Comite Maritime International
Co.Rep. Coke's King's Bench Reports
COGSA Carriage of Good by Sea Act
Cranch Cranch's Supreme Court Reports
CSC Convention on Safe Containers

CSS Code of Safe Practice for Cargo Stowage and Securing D.A.R. Daily Appellate Reporter United States, California

D.C. Cal. District Court of CaliforniaD.C. Mass. District Court of Massachusetts

D.C.E.D.Wis. District Court for the Eastern District of Wisconsin

D.C.La. District Court of Louisiana

xiv Abbreviations

D.C.N.Y. District Court of New York
D.C.Or District Court of Oregon
D.Md. District of Maryland
Dig. Digest of Justinian
DOC Document of Compliance

Duer's New York Superior Court Reports

E.D.La. Eastern District of LouisianaE.D.N.Y. Eastern District of New YorkE.D.Pa. Eastern District of Pennsylvania

E.R. English Report

El. & Bl. Ellis and Blackburn's Queen's Bench Reports

EWHC England and Wales High Court (Administrative Court)

Ex. C.R. Canada Exchequer Court Reports Canada

F. Supp.
Federal Supplement
F.
Federal Reporter, USA
F.Cas.
Federal Cases, USA
Ga.
Georgia Reports

H/H-VR Hague/Hague-Visby Rules

HGB Handelsgesetzbuch

How. Howard's Supreme Court Reports

HR Hague Rules

Hun Hun's New York Supreme Court Reports
IMDG International Maritime Dangerous Goods Code

IMO International Maritime Organization
ISM International Safety Management Code

ISPS International Ship and Port Facility Security Code

ISSC International Ship Security Certificate
J. Mar. L. & Com. Journal of Maritime Law and Commerce

J.B.L. Journal of Business Law John. Johnson's New York Reports

K.B. King Bench

L. Ed United States Supreme Court Reports, Lawyers' Edition

L.J. Ex. Law Journal Reports, Exchequer New Series

L.Q.R. Law Quarterly Review
L.R.A. Lawyers' Reports Annotated

LASH Light Aboard Ships:
Ll.L.R./Ll. Rep. Lloyd's List Law Reports
Lloyd's Rep. Lloyd's Law Reports
M.L.J. Mississippi Law Journal

M.P.R. Maritime Provinces Report, Canada

N.D.Fla. Northern District of Florida

O.R.L.R. Ontario Law Reports

Ont. S.C. App. Div. Supreme Court of Ontario, Appellate Division

Price Exch. Price's Exchequer Reports

Pro. Law Reports, Probate England and Wales

Abbreviations xv

QB Queen Bench

QBD Law Reports, Queen Bench Division
RSO Recognized Security Organization
RvdW Rechtspraak van de Week Netherlands
S. Ct. Supreme Court of the United States
S.C.R. Supreme Court Reports, Canada
S.D.Cal. Southern District of California
S.D.N.Y Southern District of New York

S.D.R. Special Drawing Rights S.E. South Eastern Reporter

Sandford Sandford's New York Superior Court Reports

SMC Safety Management Certificate
SMS Safety Management System
SOLAS Safety of Life at Sea Convention
SSA Ship Security Assessment
Str. Strange's King's Bench Reports

STWC International Convention on Standards of Training,

Certification and Watchkeeping for Seafarers

Sup.Ct.Rep. Supreme Court Reporter United States
Taunt. Taunton's Common Pleas Reports
U. Pa. L. Rev. University of Pennsylvania Law Review

U.S.App. United States Appeals Reports

U.S.C. United States Code

UNCITRAL United Nations Commission on International Trade Law

UNCLOS United Nations Convention of Law of the Sea

UNCTAD United Nations Conference on Trade and Development

Va.J.Int'l L. Virginia Journal of International Law

W.D.Ky. Western District of KentuckyW.D.Mich. Western District of MichiganW.D.N.Y. Western District of New York

W.L.R. Weekly Law Reports England and Wales

Wall. JR. J.W. Wallace's United States Circuit Court Reports

Wall. Wallace's Supreme Court Reports
Wend. Wendell's New York Reports

WL Westlaw Transcripts United Kingdom
WLR Weekly Law Reports England and Wales

Chapter 1 Introduction

1.1 Purpose of the Study

The carriage of goods by sea has been the most useful and effective means of transportation for the international trading of goods. Its paramount importance for the world's economy increased dramatically over the last century when more countries went beyond their borders to compete in the international market creating in large part today's global economy. Boundaries fell away and free trade was opened between all nations. Today, the success of countries' economies is measured, among other factors, on the balance of payment of goods annually imported and exported. This international exchange of goods is possible thanks to vessels that currently move approximately 80% of the world's trade. Because of this, the shipping industry is not only of special importance to the private sector, but to the public sector as well. As a fundamental component of the economic growth and development policy, it has been the subject of public interest and States have endeavored to regulate it.

The maritime transportation is regularly performed under two contractual modalities: charter parties and bills of lading. The research focuses on the latter modality. At the present, the carriage of goods by sea under bills of lading is mostly governed by the International Convention for the Unification of Certain Rules of Law Relating to Bills of Lading, adopted in Brussels in 1924 and commonly known as the Hague Rules. This regulation orders carriers to perform two duties: to practice due diligence to make the ship seaworthy and to care for the cargo. The prevention of cargo damage or losses is a goal of the liability rules set in the governing regime. It meets a social end too, as the economy and in consequence, the social welfare of most nations, depend on the safe arrival of the products at destination.

Both duties have been constantly impacted by the development of technology. Shipping technology has provided new resources, methods and tools to make the

¹UNCTAD, 'Review of maritime transport 2011', 26.

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2 1 Introduction

carriage of goods safer than ever. But which of these technologies can be expected by carriers to be applied as part of their obligation to practice due diligence? It is a question that has required lengthy, complicated and expensive litigation. Considering the increasing costs of submitting cargo claims to the judiciary, for both the parties and the states, at least some general parameters that can shed light on the issue should be provided. This is the aim of this work.

This research is presented in three parts. The first part addresses the evolution of the sea common carriers' liability taken from the historical sources of the maritime law and the current international regulations governing the contract. An overview of these historical developments, from the oldest code containing regulations for the maritime commerce to the latest international conventions on the subject, will point out the carrier's duties and the standard of liability set therein. Special emphasis is given to the historical circumstances and causes that drove the adoption of the Hague Rules. The second part presents the interpretation and construction of the two carriers' duties set out in the Hague Rules by the English and American Jurisdictions. Finally, the third part addresses the analyses on new technologies in the case law of the aforementioned jurisdictions. From the case law on this specific subject, I attempt to extract the parameters or situations in which the courts have required the application of new technologies as part of the duties set in the current governing liability regime.

1.2 The Contract of Carriage of Goods by Sea

For the proper understanding of this study, it is necessary to provide first an introductory and general overview of the contract of carriage of goods by sea.

1.2.1 Concept

This contract is commonly defined as the contract of a ship for the carriage of goods by water, usually performed, as mentioned, under the modalities of charter parties or bills of lading, or a combination of both. It is a contractual obligation subscribed between a shipper and a carrier, where the latter undertakes the task of transporting the shipper's goods by sea, from a specific place to a specific destination, against the payment of freight. The carrier assumes some risks of the maritime adventure, which makes the obligation to be classified as one of result.

²B.A. Garner and H.C. Black, *Black's law dictionary*, 9th edn. (St. Paul, Minn: West, 2009), 69, 375.

³F. Sánchez Calero, *El contrato de transporte marítimo de mercancías: (Reglas de La Haya-Visby, Hamburgo y Rotterdam)*, Colección Grandes Tratados Aranzadi, 2nd edn. (Cizur Menor (Navarra): Thomson Reuters-Aranzadi, 2010), vol. 170, 131.

1.2.2 The Parties Involved

The contract has a bilateral character. As mentioned above, the shipper and the carrier are the main parties. The international conventions on the subject have underlined some definition of both parties, attending to each parties' participation in the contract and its engagement with the other party. The Conventions provide the following definitions.

1.2.2.1 The Shipper

Shipper is defined as the person who ships goods to another or the party who contracts the services of a carrier for the transportation of cargo.⁴ The Hague Rules does not present any definition of shipper. The Hamburg Rules include the following definition:

[A]ny person by whom or in whose name or on whose behalf a contract of carriage of goods by sea has been concluded with a carrier, or any person by whom or in whose name or on whose behalf the goods are actually delivered to the carrier in relation to the contract of carriage by sea.⁵

Though the Rotterdam Rules are the newest regulation enacted for this contract, the definition provided is more ambiguous: "shipper is the party who enters into a contract of carriage with a carrier."

1.2.2.2 The Carrier

Carrier is the person, individual or organization, engaged in transporting passenger or goods for hire.⁷ The same shipowner is the carrier when he personally operates his vessel.⁸ At the present, vessels often operate under a charter party. In this case, and depending on the type of charter party, the charterer who then resells space on the chartered ship to other particular shippers becomes the carrier for those particulars who ship goods with him.⁹ The Hague Rules do not provide a definition based on the function or the activity of the carrier. That is of general knowledge in the industry. The Rules identify the carrier regarding its status or legal relation to the ship and to the

⁴Garner and Black, 1503.

⁵The Hamburg Rules Article 1.3.

⁶The Rotterdam Rules Article 1.8.

⁷Garner and Black, 214.

⁸T.J. Schoenbaum, *Admiralty and maritime law*, Practitioner treatise series, 5th edn. ([St. Paul, MN]: Thomson/West, 2011), 795.

⁹S. Girvin, *Carriage of Goods by Sea*, 2nd edn. (Oxford, New York: Oxford University Press, 2011), 18.

4 1 Introduction

shipper. It says then, that the "carriers include the owner or charter who enters into a contract of carriage with a shipper". ¹⁰ The Hamburg and Rotterdam rules present similar descriptions. ¹¹ A more detailed definition of the carrier's activity and their respective obligations has been developed according to the distinction made by the courts of two types of carriers: Private carrier and Common carrier. ¹²

1.2.2.2.1 Private Carrier

The private carrier is usually the shipowner who lets the whole ship or its whole cargo capacity for one or more voyages or for a specific period of time. ¹³ This carrier offers his ship for carriage services to a specific shipper and under special agreement. Such agreement commonly appears in a formal letting of a ship known as a charter party, ¹⁴ in difference with the common carrier who usually acts under a bill of lading. 15 As the law of charter parties is still governed by the principle of freedom of contract, the parties in a private carriage enjoy some more liberties. 16 The private carrier reserves the right to bargain and the right to decide whether or not he carries a specific cargo as he chooses. ¹⁷ He is not necessarily available, nor obliged, to carry goods for the general public. It must be noticed, however, that the determination of the carrier's character based on the modality of the contract subscribed is not always exact. A shipper who takes up the full space on a ship for a specific voyage is contracting with a private carrier, even if the contract of carriage is documented in a bill of lading. 18 The opposite may happen when a shipper lets a full deep tank or some other compartment of a vessel under a charter party, but other tanks or hatches of the same vessel are let to other shippers. In this case, beside the charter party, the carrier is to be held as a common carrier. 19 The difference lies in the exclusivity of the contractual relation with the specific shipper for the use of the whole cargo capacity of the chartered ship. Regarding the standard of liability, private carriers are liable if the damage or loss is caused by their negligence in the performance of their duties.²⁰

¹⁰The HR Article 1(a).

¹¹Hamburg Rules article 1.1; Rotterdam Rules article 1.5.

¹²This distinction was evidenced from the time of the decision issued by Lord Holt in the case *Coggs v. Bernard*, 2 Lord Raymond 909, 92 E.R. 107, 90 E.R. 971 (1703).

¹³H.N. Longley, Common Carriage of Cargo (Albany, N. Y.: Mathew Bender, 1967), 7.

¹⁴Schoenbaum, 777–78.

¹⁵Longley, 7.

¹⁶Schoenbaum, 779.

¹⁷N.J.J. Gaskell, R.S.T.C. Chorley, C. Debattista and R.J. Swatton, *Chorley and Giles' shipping law*, 8th edn. (London: Pitman Publishing, 1987), 166.

¹⁸Longley, 8.

¹⁹Ibid., 9.

²⁰Ibid., 8; Gaskell, Chorley, Debattista and Swatton, 167.

1.2.2.2.2 Common Carrier

Common carriers are those who hold themselves, as a regular business, available to carry any goods, from any shipper who pays their charges, as long as there is enough space on the vessel, following a regularly fixed route. The contract under this modality is usually performed under the form of a bill of lading, but for the reason explained above, such a document is not conclusive to determine the character of the carrier. The common carriers were subject in the past to very strict regulations. Unlike the private carriers who were liable for negligence, the common carriers were subject to statutory regulation including strict liability for damages or loss of the goods. Under common law, common carriers were subject to three main obligations:

- They had a duty to serve all who applied for their services,
- Unreasonableness in their rates of charge and operation was prohibited; and,
- They were held to far stricter liability standards than those applied in general business law.²³

However, the strictness of the liability standard changed radically with the introduction of the Brussels Convention of 1924, commonly known as the Hague Rules. The liability of common carriers under the Hague Rules is measured attending to their negligent activity or omission resulting in damages or losses, similar to the liability for private carriers. Currently, a large number of companies operate as common carriers that own or hire several numbers of ships and offer carriage of goods throughout the world. They are known as cargo liners, whose development since the last century has enabled the rapid growth of the international exchange of goods. Their importance in the current maritime commerce has grown so much, that the recent Rotterdam Rules included a definition for this type of carrier. Most of the cargo liners perform their services under the Hague Rules, as they carry goods from or to States members of the Convention, or they commonly incorporate these rules in their bills of lading as the applicable law to the contract.

²¹R. Colinvaux, *Carver'scarriage by sea*, British shipping laws, 13th edn., 2 vols. (London: Stevens, 1982), 6; L. Gorton, *The concept of the common carrier in Anglo-American law*, Scandinavian university books (Gothenburg: Läromedelafërl. (Akad.-förl.), 1971), vol. 43, 20; Schoenbaum, 777. *See* also *Propeller Niagara v. Cordes*, 62 U.S. 7 (1858).

²²Longley, 8

²³K. Hall, J. W. Ely and J. B. Grossman, *The Oxford companion to the Supreme Court of the United States*, 2nd edn. (Oxford, New York: Oxford University Press, 2005), 197.

²⁴Rotterdam Rules, Article 1.3: "'Liner Transportation' means a transportation service that is offered to the public through publication or similar means and includes transportation by ships operation on a regular schedule between specified ports in accordance with publicly available timetables of sailing dates.".

6 1 Introduction

1.2.3 Respective Obligations

The determination of the rights and duties of each party depends on the modality of the contract they submit and the applicable law stated. In a Charter Party, the parties enjoy additional freedom; while under a bill of lading, parties are subject to statutory regulations.²⁵ The doctrine and jurisprudence have distinguished two general groups of obligations in this contract. First, the express obligations refer to the specific characteristics of the contracted carriage. They include the obligation to provide the ship with the special features offered; the time of departure; the port or place of loading and delivery; the amount of freight; etc. On charter parties, the time period of the charter or the specific voyage hired are also particularly important. These obligations or special conditions are stated in the charter party or the bill of lading.

Second, apart from the terms expressly stated in the contract, or set by statue or implied by custom, the courts have recognized and enforced some general duties that must be accomplished by the parties to give business efficacy to the contract. They are automatically incorporated in the contract, unless the parties have agreed to special clauses establishing the contrary. Although the existence of such general implied obligations is the result of jurisprudential enforcement, courts are not allowed to make new dispositions in the contract. This restriction applies even when they consider it reasonable for the correctness and efficacy of the contract.

1.2.3.1 On the Carrier

For carriers, in the common law, the general arising obligation from this contract is summarized as: "[the carrier] is to carry and deliver in safety, answering for all loss or damage which may happen to them (the goods) while they are in his hand as carrier." They are relieved of responsibility for loss of or damages to the cargo, when it is caused by an act of God; King's enemies; defect or infirmity of the goods or their package; or, through a voluntary sacrifice for the safety of the adventure. The access of these exceptions of responsibility is conditional upon the absence of any negligent act by the part of the carrier that exposed the cargo to the cause of loss or damage. To accomplish the main objective of the contract, the common

²⁵T. J. Schoenbaum and A. N. Yiannopoulos, *Admiralty and maritime law: Cases and materials*, Contemporary legal education series (Charlottesville, Va: Michie Co., 1984), 364.

²⁶T. E. Scrutton and B. Eder, *Scrutton on charterparties and bills of lading*, 22nd edn. (London: Sweet & Maxwell, 2011), 111.

²⁷J. F. Wilson, Carriage of goods by sea, 7th edn. (New York: Pearson/Longman, 2010), 9.

²⁸Gaskell, Chorley, Debattista and Swatton, 182.

²⁹Ibid., 182.

³⁰Colinvaux, 20.

³¹Ibid., 20.

³²Ibid., 20.

law jurisprudence has developed three implied undertakings that must be observed by the carriers.

1.2.3.1.1 To Provide a Seaworthy Ship

The seaworthiness of the vessel is generally defined as the condition of being sufficiently staunch, strong and tight, properly equipped and in every way fitted to resist the perils and incidents that a seagoing vessel might ordinarily encounter.³³ Such a condition covers the physical estate of the ship, the crew's competence, the equipment, and its capability to carry the specific cargo. In common law this obligation is absolute and its breach makes the carrier liable regardless of fault.³⁴ Only when the contract is governed by the Hague/Hague-Visby Rules, is the standard reduced to the exercise of due diligence in making the ship seaworthy.³⁵

1.2.3.1.2 Reasonable Dispatch

In absence of a specific date for departure, the vessels must proceed and perform the carriage in a reasonable time.³⁶ The reasonability of the time of departure will vary case by case, and must take into account, firstly, the different elements of the voyage, such as the conditions of the ship; the state of the cargo handling technology; and, the special circumstances known to the parties.³⁷ Certainly the condition of the ports, the distance to be sailed and the usual weather condition of the route play an important role. The second element to determine the reasonability of the time of dispatch is, if under the actual circumstances, the carrier was diligence in the execution of the voyage.³⁸ The carrier, however, is not expected to take more than reasonable measures to accomplish this obligation.³⁹ To assign carrier's liability for unreasonable delay, the courts must assess whether the circumstances that impeded the carrier to perform the

³³Garner and Black, 1470, 1699.

³⁴Wilson, 9.

³⁵HR article 3.1.

³⁶Wilson, 15.

³⁷M. a. K. H. M. Ganado, *Marine Cargo Delays*, The law of delay in the carriage of general cargoes by sea (London, 1990), 36.

³⁸See Dallas W. Dietrich, AS Atlantic Seaboard Flour Mill v. United States Shipping Board Emergency Fleet Corporation. (The Panola) 1925 A.M.C. 1173 (2nd. Cir.). "And the courts have laid down the rule that 'reasonable time' for the performance of acts under a contract is such a period of time as suffices for their performance if the one whose duty it is to perform uses such diligence in the performance as a person of ordinary diligence and prudence would use under like circumstances".

³⁹In the case *Briddon v. Great Northern Ry. Co.* (1958) 28 L.J. Ex. 51, the court said at 52: "The contract entered into was to carry... without delay, and in a reasonable time under ordinary circumstances. If a snow –storm occurs which makes it impossible to carry the cattle, except by extraordinary effort, involving additional expense, the company are not bound to use such means and to incur such expense.", as quoted by Ganado at 35.

8 1 Introduction

carriage in a reasonable time, were normal or not. As the conditions in navigation may vary, and may be in some circumstances beyond the carrier's control, provisions in bills of lading and charter parties are generally stated releasing the carrier from liability for delays. Some others go further refusing any liability for delay of any type. These clauses are enforceable by American courts, releasing carriers for delays of 2 weeks, or even longer, and denying compensation for damages resulting, for example, from loss of market. Notwithstanding, other courts have been more cautious in recognizing such clauses and assign liability if the unreasonable delay was caused by the carrier's negligence. 42

1.2.3.1.3 Not to Deviate from the Agreed Route

The carriage must be performed not only in a reasonable time, but also, following the agreed route. In absence of any agreement regarding the geographical route, the carrier must proceed along the shortest, safest and usual direction to the destination port. A voluntary change without necessity or reasonable cause from the regular course or route shall be considered a deviation. Deviation means an intentional and unreasonable change in the geographic route of the voyage as contracted. This concept was introduced into the law of carriage from the marine insurance law. Later, it was extended to other causes other than a geographic deviation, to include: any variation in the conduct of a ship in the carriage of goods whereby the risks incident to the shipment will be increased. Under this extension, deviation was expanded to include: carrying in a different vessel than the agreed one; carrying partly by rail; dry docking with the cargo on board; unreasonable delay; and, carrying on deck.

⁴⁰See Parnass International Trade & Oil Corp. v. Sea-Land Service, Inc. 595 F. Supp. 153, 1985 A.M.C. 485 (S.D.N.Y. 1984) (A short delay of 18 days is not in and of itself unreasonable. It is just such a potential for strikes and port congestion which prohibits carriers from making hard and fast promises such as the one plaintiff contends existed here.); *Pioko Fashions, Inc. v. American President Lines, Ltd.*, 1993 A.M.C. 2615 (W.D. Wash. 1993) (2-week delay in 10,000 mile cargo delivery was not unreasonable deviation as required under limitation in bill of lading); *Quesoro v. Lykes Bros. Steamship Co., Inc.*, 1995 A.M.C. 2054, (S.D.N.Y. 1995).

⁴¹See The Panola, see supra note 38.

⁴²Ganado, 38.

⁴³W. Tetley, *Marine Cargo Claims*, 4th edn., 2 vols. (Cowansville, [Toronto]: Blais; Thomson Carswell, 2008), Vol. 1, 1811.

⁴⁴Hostetter v. Park, 137 U.S. 30, 40; 11, S. Ct. 1, 34 L.Ed. 568 (1890).

⁴⁵Tetley, Marine Cargo Claims, Vol. 1, 1812; Wilson, 16.

⁴⁶G. Gilmore and C. L. Black, JR., *The Law of Admiralty*, 2nd. Ed. (Mineola N.Y: The Foundation Press, Inc., 1975), 176.

⁴⁷Spartus Corp. v. S/S Yafo, 1979 A.M.C. 2294, 2297–98, 590 F.2d 1310, 1313 (5th Cir. 1979). ⁴⁸Longley, 110–12.

construction were considered deviation or quasi-deviation include: Carrier's corrupt or criminal miss delivery⁴⁹; negligence, gross negligence or willful misconduct;⁵⁰ negligent stowage⁵¹; stowage which greatly exceeds weight limitation of flat rack container; and, safe capacity of cargo cranes and related equipment.⁵²

However, English courts have restricted the concept to geographical deviation.⁵³ American jurisprudence still extends the concept to carrying on deck without authorization or in absence of a custom of carrying such goods in above deck stowage⁵⁴; over carriage, miss delivery and change in the route by truck inland.⁵⁵ These cases are referred to as "quasi-deviation".⁵⁶ The Hague/Hague-Visby rules do not define deviation nor establishes its consequences, but seems to keep the concept strictly for geographical deviation. The reasonableness of a deviation will depend on the law governing the contract; the surrounding circumstances; and the facts attending to the interest of all the parties.⁵⁷ In principle, a deviation is reasonable exclusively in case of rescue of life at sea,⁵⁸ which is now also a statutory duty established in national and international regulations.⁵⁹ The norm introduced by the HR extended it to the rescue of property at sea as well, and to "any reasonable deviation".⁶⁰ Consequently, American and English law also recognizes this same

⁴⁹See B.M.A. Indus., Ltd. v. Nigerian Star Line, Ltd., 1986 A.M.C. 1662, 786 F.2d 90 (2nd Cir. 1986).

⁵⁰See Iligan Integrated Steel Mills, Inc. v. S.S. John Weyerhaeuser, 1975 A.M.C. 33, 507 F.2d 68 (2nd Cir. 1974), cert. denied, 421 U.S. 965, 1975 A.M.C. 2158.

⁵¹The Chester Valley, 1940 A.M.C. 555, 110, F.2d 592 (5th Cir. 1940).

⁵²Rockwell International Corp. v. M.V. Incotrans Spirit, 1989 A.M.C. 887 (S.D.Tex. 1989).

⁵³Wilson, 16, note 53; Tetley, *Marine Cargo Claims*, Vol. 1, 1812. *See The Hill Harmony* [1999] 2 Lloyd Rep. 209, 217.

⁵⁴See St. Johns Corp. v. Companhia Geral Commercial Do Rio de Janeiro, 263 U.S. 119, 124, 44 S.Ct. 30, 31, 68 L.Ed. 201 (1923); Sedco, Inc. v. S.S. Strathewe, 1986 A.M.C. 2801, 800 F.2d 27 (2nd Cir. 1986).

⁵⁵Tetley, Marine Cargo Claims, Vol. 1, 1812.

⁵⁶Ibid., 1812.

⁵⁷Ibid., 1814–15. See Stag Line v. Foscolo, Mango & Co. [1932] A.C. 328.

⁵⁸See Scaramanga & Co. v. Stamp (1880) 5 CPD 295 (CA), 304.

⁵⁹Girvin, 403. See UK Merchant Shipping Act of 1995 section 93(1), and UNCLOS Article 98.

⁶⁰HR Article 4(4): "Any deviation in saving or attempting to save life or property at sea or any reasonable deviation shall not be deemed to be an infringement or breach of this convention or of the contract of carriage, and the carrier shall not be liable for any loss or damage resulting therefrom."

10 1 Introduction

cause as valid. ⁶¹ In addition, a deviation may be allowed to avoid danger of the ship or to the cargo; ⁶² or when it is made necessary by some default on the part of the charterer. ⁶³ Carriage of containers on deck has been also considered a reasonable deviation. Containerships are specially designed to transport containers safely on deck, so the cargo is not exposed to greater risks. ⁶⁴ With the pass of time, it became a well-established trade custom in a world-wide basis. ⁶⁵

Unreasonable deviation is regarded as fundamental breach in the common law, ⁶⁶ and the carrier is held as an insurer of all damages caused to the cargo by the deviation. ⁶⁷ Both English and American legislations hold the carrier liable for damages or losses resulted from unreasonable deviation and deprive the carrier from relying on any legal or contractual stipulation in his favor. ⁶⁸ Under the HR an unreasonable deviation will produce similar consequences, depriving the carrier to rely on the exceptions and limitations of liability. ⁶⁹ In some cases, however, such as the excluded situations listed above, American courts have allowed the limitation per package. ⁷⁰ Under English law, the contractual freight is also reduced to a

⁶¹Section 4.4 of the US COGSA 1936 and UK COGSA 1971.

⁶²Girvin, at 403–04: "The danger to the vessel may result from natural causes, such as storms, ice, or fog, or political factors, such as the outbreak of war or the fear of capture by hostile forces." *Citing Duncan Köster (The Teutonia)* (1982) LR 4 PC 171, 179. Also deviation for urgent repairs might be considered reasonable. *See Kish v. Taylor* [1912] AC 604.

⁶³Wilson, 17–19.

 ⁶⁴See Du Pont Nemour International, S.A. v. S.S. The Mormacvega, 493 F2d. 97, 101–02 (C.A.N. Y. 1974); Electro-Tec Corp. v. S/S Dart Atlantica (1984) 598 F. Supp. 929 (D.Md. 1984).

⁶⁵See Konica Bus. Machines v. The Vessel Sea-Land Consumer, 47 F.3d 314, 315 (9th Cir. 1995), 1995 A.M.C. 1065; Konica Business Machines, Inc. v. Vessel "Sea-Land Consumer" 153 F3d. 1076. 1998 A.M.C. 2705, 98 Cal. Daily Op. Serv. 6955, 98 Daily Journal D.A.R. 9595. However, cargo stored in an open "flat rack" container stowed on deck was held as an unreasonable deviation in Constructores Tecnicos S. de R.L. v. Sea-Land Service Inc., 956 F.2d 841, 1992 A.M.C. 1284 (5th Cir. 1991).

⁶⁶Wilson, 20–21.

⁶⁷See Insurance Co. of North America v. Blue Star (North America), Ltd. (S.D.N.Y., 1997). Not Reported in F. Supp., 1997 WL 345235 (S.D.N.Y.), 1997 A.M.C. 2434. District Judge Sweet cited: Du Pont de Nemours Int'l S.A. v. S.S. Mormacvega, supra note 64; Hearne v. Marine Ins. Co., 87 U.S. (20 Wall.) 488, 22 L.Ed. 395 (1874); Oliver v. Maryland Ins. Co., 11 U.S. (7 Cranch) 487, 3 L.Ed. 414 (1813).

⁶⁸Longley, 118; Tetley, *Marine Cargo Claims*, Vol. 1, 1839; *see Encyclopaedia Britannica v. S.S. Hong Kong Producer*, 422 F.2d 7, 16–17 (2nd Cir. 1969), cert. denied, 397 U.S. 964 (1970).

⁶⁹Tetley, *Marine Cargo Claims*, Vol. 1, 1830: "The carrier may lose one or all of the following rights: The package limitations; the 1 year delay for suit; the defense of due diligence at art. 3(1); the exculpatory defenses at art. 4(2)(a) to (q); other limitation and exclusion of the contract such as jurisdiction and arbitration clauses."

⁷⁰Gilmore and Black, JR., at 181: "The Seventh Circuit has held that an unreasonable deviation did not oust the \$500.00 per package limitation in Cogsa 4(5)".

reasonable sum if the goods are delivered in the destination port.⁷¹ General average cannot be claimed unless the breach of contract by deviation is waived.⁷²

1.2.3.2 On the Shipper or Charterer

1.2.3.2.1 Not to Ship Dangerous Goods

Shippers shall not ship dangerous goods without previous notification to the carrier regarding its dangerous condition. The objective of this obligation is to provide the carrier with sufficient knowledge about the potential danger. Such notification enables them to refuse to carry the goods or to take reasonable measures to assure the safety of the vessel, crew and other cargo on board. When the carrier is already aware of the condition, there is no obligation to give notice. Under English law the concept of dangerous goods is not merely restricted to inflammable or explosive goods. It also includes everything that could put the vessel or other cargo in danger, including for example, infected cargo or cargo prohibited or subject to quarantine, or cargo which may not be allowed in the destination country. Notwithstanding, as the determination of what a dangerous cargo is presents frequent problems, the International Maritime Organization adopted in 1965 the International Maritime Dangerous Goods Code (IMDG). This code establishes and regularly updates a list of goods considered as dangerous.

Under the Hague/Hague-Visby Rules, the carrier is allowed to discharge, destroy or render innocuous any inflammable, explosive and dangerous goods loaded without the shipper's knowledge or consent. These actions release them from paying compensation and hold the shipper liable for all damages or expenses directly or indirectly arising from these measures. The situation varies when the carrier has knowledge of the potential danger and the goods become, after loaded, a

⁷¹W. a. I.E. R. H. Payne, *Carriage of Good by Sea*, 13. ed. E.R. Hardy Ivamy (London: Butterworths, 1989), 23.

⁷²Ibid., 23.

⁷³Girvin, 312.

⁷⁴Ibid. 312; Wilson, 35. See Brass v. Maitland (1856) 6 El. & Bl. 470; 119 E.R. 940.

⁷⁵Girvin, 312.

⁷⁶Wilson, 34. See Mitchell, Cotts v. Steel [1916] 2 K.B. 610.

⁷⁷Available at www.5.imo.org/SharePoint/mainframe.asp?topic_id=158. (Last visited: May 21st, 2012).

⁷⁸International Maritime Organization, *International Maritime Dangerous Goods Code: IMDG-Code; incorporating amendment 34-08* (London: International Maritime Organization, 2008). The code makes a classification of goods in explosives, gases, flammable liquids, flammable solids, oxidizing substances and organic peroxides, toxic and infectious substances, radioactive materials, corrosive substances, miscellaneous dangerous substances and articles.

⁷⁹The HR, article 4.6.

⁸⁰Wilson, 36. The HR, article 4.6.