

Irish Short Sea Shipping Inter European Trade Corridors

A wonderful collection of images looking at the history of coastal shipping in the UK.

Ambient Intelligence with Microsystems Augmented Materials and Smart Objects Springer Science & Business Media
Uniformity of Transport Law through International Regimes addresses the problem of uniformity of transport law and the potential solutions at international and EU levels. It concerns transport conventions and other instruments dealing mainly with carriage of goods by sea and multimodal transport as well as examining the Rotterdam Rules as one of the solutions towards uniformity in carriage of goods law. The discussion on international uniformity in transport law is complemented by an examination of regional harmonization in the context of EU law-making and jurisprudence in the field of international transport. The comparison between international and regional regimes reveals the complexities in application and interpretation of the certain transport conventions which is detrimental to achieving uniformity.

This is the 8th report from the Transport Committee (HCP 249, session 2007-08, ISBN 9780215521941) and focuses on freight transport. The Committee has set out 29 recommendations, including: that the Government needs to adopt a more proactive freight strategy, given there are significant economic and transport benefits to be gained; the Department of Transport should produce a national freight plan, setting out aspirations for the reduction in congestion and transport emissions, freight infrastructure and job opportunities and the development of future technologies that maybe beneficial for the freight business; that rail and water freight must be able to compete on a an equal footing with road transport; that the Government could do more to encourage waterborne freight transport; that Network Rail must recognise the importance of freight instead of treating it as the poor relation of passenger services; that the Government needs to engage with European freight schemes to ensure that UK business is not disadvantaged and further, highlight the importance of the UK air freight operators' competitiveness with continental operators; the Government needs to discuss a way forward with the UK haulier industry, which the Committee sees as being unfairly treated through subsidising their continental competitors through high levels of taxation on fuel.

A previous winner of the Comité Maritime International's Albert Lilar Prize for the best shipping law book worldwide, EU Shipping Law is the foremost reference work for professionals in this area. This third edition has been completely revised to include developments in the competition/antitrust regime, new safety and environmental rules, and rules governing security and ports. It includes detailed commentary and analysis of almost every aspect of EU law as it affects shipping. Sulphur emissions from shipping are increasing and shipping is expected to be the main source of EU sulphur emissions by 2020. A draft EU directive aims to curb sulphur emissions from ships. The Transport Committee agrees that this significant source of air pollution needs more stringent limits, but the UK government must negotiate to ensure the EU Directive goes no further than the revised MARPOL Annex VI agreed in 2008. The Committee recognises that the benefits of the revised MARPOL Annex VI significantly exceed the costs of compliance; acknowledges that costs will fall most directly on ship operators; and accepts that the abatement technology required for passenger shipping may not yet be ready for widespread commercial use. The report also reminds the shipping sector that tighter emissions limits have been under discussion for many years; operators could have been more proactive about developing effective pollution abatement technology; and must shoulder the cost of ensuring that their activities comply with relevant environmental legislation. In addition, the Committee concludes that the UK Government must: establish how the Commission will monitor the impact of the revised Directive on maritime sulphur emissions from the shipping industry; establish what the Commission plans to do in order to curb the risk of 'modal shift' from sea to road transport; push the Commission to clarify the definition of passenger ships on regular service and the use of techniques such as emissions averaging.

Augmented Materials and Smart Objects investigates the issues required to ensure technology platforms capable of being seamlessly integrated into everyday objects. In particular, it deals with the requirements for integrated computation and MEMs sensors, system-in-a-package solutions, and multi-chip modules. On top of this, the publication's 500 pages cover the impact of the trend towards embedded microelectronic electronics sub-systems, novel assembly techniques for autonomous MEMs sensors, and practical performance issues that are key to the Aml concept.

Features emerging trends that are shaping supply chain operations worldwide as well as impacting the global business landscape Beginning with the assertion that supply chains are an overlooked factor behind anemic economic growth, Protean Supply Chains: Ten Dynamics of Supply and Demand Alignment provides a comprehensive overview of the developments occurring in the field of supply chain management. A broad range of topics in facility location, inventory, strategic sourcing, and supply chain coordination are addressed in addition to coverage of major developments within the field. The author's main position is that supply chains must be more than agile or flexible; rather, they must become protean and capable of changing shape in response to a volatile global business landscape. The author, a well-known editor and researcher in the field, presents current real-world examples combined with insights into the impact of recent trends that are expected to affect the global business landscape over the next decade.

Highlighting companies with leading-edge supply chains as examples, the book discusses methods to reduce spending, increase revenues, and achieve streamlined productivity in a changing economic climate. The book utilizes further examples from the growth of online retailing and automation in distribution centers, as well as the use of protean supply chains to gain competitive advantages internationally. In addition, the book features the following ten emerging trends, which are shaping supply chain operations worldwide: The rise of regional theaters of supply Global risk management through control towers Customer segmentation Real demand realization Demand swing alignment with production and distribution Omnichannel retailing challenges Customer of one service Sustainability challenges Collaboration vs. competition in the new economy Financial dynamism The book is an ideal reference for professionals and practitioners in operations research, business/management science, applied mathematics, and industrial engineering as well as an appropriate supplement for undergraduate and graduate-level courses in supply chain management.

The editors as well as the authors of these essays should be commended for bringing together and discussing within this volume many of the important issues facing globalized freight movements. Robert Martin, The Professional Geographer . . . Leinbach and

Capineri have produced an interesting and useful addition to the literature on this massive subject. . . Anthony Beresfore, International Journal of Maritime History Globalization is a fashionable issue. But solid research on the conditions and implications for freight transport is badly missing. This volume contains a unique set of high-quality contributions on freight transport in the age of globalization. It offers a wealth of original insights to both the research and policy-making community. Peter Nijkamp, VU University Amsterdam, The Netherlands The worldwide movement of freight has emerged as one of the most critical and dynamic aspects of the transport sector. The contributors to this study examine the current state of global freight transport, with an emphasis on Europe and North America and their extra-regional linkages. These original contributions synthesize existing knowledge, highlight new developments, problems and possible solutions, and underscore the need for further research. The book's starting point is the fact that freight transport is the main element supporting global supply and commodity chains, from the transformation of raw materials to market distribution and after-market services. However, as the authors point out, the rising costs associated with security and various other constraints, as well as the complexity of getting goods delivered, is adding to profit pressures faced by manufacturers around the globe. Despite the application of technology and increasingly efficient solutions to the movement of freight, constraint points and conditions obstructing smooth operations and sustainability have developed. These difficulties affect both the environment and economic growth. Examining the issues from four critical perspectives intermodality, e-commerce and technology, logistics, and sustainability Globalized Freight Transport captures the concern for the viability of freight systems and the ways they are impacting the global economy. This cutting-edge study will be of great interest to students and scholars of transportation, as well as to public sector policymakers and private sector managers.

Sascha Reiche develops a multi-modal commodity class specific freight model at the level of firms for the area of Germany that allows integration of macroscopic as well as disaggregate input data. Three modes of transport and 30 types of goods at the spatial level of 403 national and 29 international regions are considered, taking into account supply chain specifications of 88 different German business branches. The goal of this model is to provide fundamental insights into domestic freight transport organisations which should prove useful to decision makers with reference to the subject.

Each volume in this new series is a collection of seminal articles on a theme of central importance in the study of transport history, selected from the leading journal in the field. Each contains between ten and a dozen articles selected by a distinguished scholar, as well as an authoritative new introduction by the volume editor. Individually they will form an essential foundation to the study of the history of a mode of transport; together they will make an incomparable library of the best modern research in the field. This is the first academic volume wholly devoted to the history of British coastal and short-sea shipping since Willan's seminal work of 1938. It gathers together eleven of the most important articles published in The Journal of Transport History over the last 25 years on the coastal trade of the United Kingdom, together with an introduction by the journal's editor. Each of the articles was seminal when it appeared and has not lost its importance since, marking an important step in our understanding of the economic history of the coastal and short-sea trades. The introduction, by John Armstrong, traces the present state of our knowledge on the role of coastal trade in the development of the British economy and contextualises each of the essays. The book starts to make good the relative neglect of this sector of the economy by historians and demonstrates the important part coastal shipping played.

The Irish Yearbook of International Law (IYIL) supports research into Ireland's practice in international affairs and foreign policy, filling a gap in existing legal scholarship and assisting in the dissemination of Irish thinking and practice on matters of international law. On an annual basis, the Yearbook presents peer-reviewed academic articles and book reviews on general issues of international law. Designated correspondents provide reports on international law developments in Ireland, Irish practice in international bodies, Ireland and the Law of the Sea and the law of the European Union as relevant to developments in Ireland. In addition, the Yearbook reproduces key documents that reflect Irish practice on contemporary issues of international law.

Publication of the Irish Yearbook of International Law makes Irish practice and opinio juris more readily available to Governments, academics and international bodies when determining the content of international law. In providing a forum for the documentation and analysis of North-South relations the Yearbook also makes an important contribution to post-conflict and transitional justice studies internationally. As a matter of editorial policy, the Yearbook seeks to promote a multilateral approach to international affairs, reflecting and reinforcing Ireland's long-standing commitment to multilateralism as a core element of foreign policy.

This book provides a thorough understanding of Short Sea Shipping (SSS) and its role in transport chains, presenting a revision of EU policies for SSS. Infrastructure and equipment required for the success of SSS are discussed, including critical features of modern roll-on/roll-off (Ro-Ro) ships and terminals. Models are proposed for the evaluation of transportation demand in SSS, including the potential effects of external costs, and its results are used within the scope of methods for Ro-Ro ship and fleet sizing. A discussion of methods used to calculate such costs is provided, and a comparison of aggregated demand with and without internalisation of external costs is carried out, pointing towards solutions for 'greening' freight transportation. Applications of multi-criteria decision-making and simulation techniques to supply chains based on SSS are presented. The role of information and communication technologies (ICT) in the promotion of SSS is also discussed. A number of case studies illustrate the different research methods and techniques. This book is a useful resource for students and researchers studying transportation, as well as policymakers and practitioners involved in this field and anyone with an interest in the promotion of environmentally sound transport solutions.

This book includes a description of the activities of ECMT and information trends in transport in Europe in 1994, along with texts of all resolutions and reports approved during that period.

This set of previously out-of-print titles is an essential reference collection on the topic of transport economics. Providing in-depth analysis on a variety of aspects, including the economics of the airfreight, shipping and rail industries, it also examines the economics of road transport and more focused areas such as containerisation.

As a first destination for Bac + 4 and above students, but also for teachers and researchers, this book presents in 42 sheets - from 4 to 5 pages each - the fundamental elements to the setting up of a logistics. Indeed, many books exist in logistics, but they usually focus on the development of a particular theme. In this case, the logistics in 42 sheets offers an overview of the key elements to consider for the implementation of a logistics. And to go further, each sheet offers a bibliography "development" themes and subtopics.

This book shows what role short sea shipping can play in the context of modal complementarity and what challenges European policy makers will face.

This book is the founding title in the Grammenos Library. The diversity of the subjects covered is unique and the results of research developed over many years are not only comprehensive, but also have important implications on real life issues in maritime business. The new edition covers a vast number of topics, including: • Shipping Economics and Maritime Nexus • International Seaborne Trade • Economics of Shipping Market and Shipping Cycles • Economics of Shipping Sectors • Issues in Liner Shipping • Economics of Maritime Safety and Seafaring Labour Market • National and International Shipping Policies • Aspects of Shipping Management and Operations•

Shipping Investment and Finance • Port Economics and Management • Aspects of International Logistics

Applying sophisticated management techniques to freight transport offers the potential for significant cost savings as well as greater efficiency. Yet the inherent complexity of intermodal transport presents many challenges. This practical textbook on the operations of intermodal transport and logistics focuses on the practical concerns and the basics of operations, such as vehicles, containers, handling operations, logistics management and optimisation. All chapters are written by field specialists, and the volume includes additional chapters on economics, law and the environment to put the practical topics into context. It presents a balanced textbook for postgraduate students and also a reference text for those in industry or the public sector involved in the planning of intermodal freight transport.

This book provides an introduction to the whole concept of intermodal freight transport, the means of delivering goods using two or more transport modes, recounting both European experience and UK developments and reporting on the extensive political influences on this form of transport. This is placed into context with reference to developments in North America and Asia. Detailed explanations are given of the road and rail vehicles, the loading units and the transfer equipment used in such operations. In particular, the role of the Channel Tunnel in the development of long-haul combined transport operations between the UK and Europe is considered.

In this work particular attention is given to the most recent developments in design and construction methods and how these must be economically integrated with operational requirements and environmental considerations.

In view of the growing congestion of inland transport infrastructure, both road and rail, short sea shipping clearly warrants consideration as a valuable alternative. Round Table 89 provides some factual information and analyses on this topic.

This book presents an in-depth study of the impact of the steamship on Britain during its first forty years, roughly between 1810 and 1850. It relates the early steamship to several industrial themes including diffusion; construction; modernisation; the role of government - particularly the difficult attempt to align laissez-faire politics with the greater need for public safety measures due to technological advance; business and finance; plus public reaction and tourism. The aim is to establish the significance of the steamship as a conduit of modernisation and societal change. It consists of a foreword, introduction, and fourteen chapters devoted to specific themes, structured to ensure each chapters build on the preceding chapter's progress. Collectively, they demonstrate that the development of both experience and enterprise with steam power both gained and refined during this period made the mid-century expansion of steamship technology across Britain possible. Ultimately, it establishes that steamship services began to adapt to oceanic routes, steam began to integrate into the world economy, and the age of sail began to draw to a close.

This Round Table includes reports on Short Sea Shipping from five countries: Greece, Italy, Norway, Sweden, and the United Kingdom.

The "European Yearbook" promotes the scientific study of European organisations and the Organisation for Economic Co-operation and Development. Each volume contains a detailed survey of the history, structure and yearly activities of each organisation and an up-to-date chart providing a clear overview of the member states of each organisation. In addition, a number of articles on topics of general interest are included in each volume. A general index by subject and name, and a cumulative index of all the articles which have appeared in the "Yearbook," are included in every volume and provide direct access to the "Yearbook"'s subject matter. Each volume contains a comprehensive bibliography covering the year's relevant publications. This is an indispensable work of reference for anyone dealing with the European institutions. It is bilingual (English and French).

The importance of the international maritime transport industry is difficult to overstate. This new book presents an interdisciplinary approach from a wide range of internationally-based experts. International Maritime Transport represents a radical departure from previous works in its structure and approach. The section editors each discuss the state of the art in the opening chapter, before introducing a selection of works providing a wide-ranging analysis of the subject. Wide discretion of approach has provided literary freedom for individual opinion and analysis within the overall framework: this permits a level of innovation which is perhaps stifled by the more standardized model. Whilst each perspective can be seen as exclusive, together they form a comprehensive volume of issues in contemporary maritime transport. Topics covered include: ports as interfaces, logistics, manpower and skills, financial risk and opportunities, the regulatory framework. Each chapter contains an introduction which explains the context of the chapter within the book and the contemporary state of the art. Under the editorship of maritime experts James McConville, Alfonso Morvillo and Heather Leggate, the book is sure to be of interest to students and academics working on maritime studies, as well as being useful to professionals and policy makers in the maritime industry.

Risk Management in Port Operations, Logistics and Supply Chain Security is the first book to address security, risk and reliability issues in maritime, port and supply chain settings. In particular this title tackles operational challenges that port, shipping, international logistics and supply chain operators face today in view of the new security regulations and the requirements of increased visibility across the supply chain.

This series contains the decisions of the Court in both the English and French texts.

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