

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT  
Geneva

**Review  
of maritime transport  
1986**

*Report by the UNCTAD secretariat*



UNITED NATIONS  
New York, 1987

## NOTE

This Review has been prepared by the UNCTAD secretariat in accordance with item V of the programme of work of the Committee on Shipping, for consideration at the thirteenth session of the Committee. Any factual and editorial corrections that may prove necessary in the light of comments made by the Committee at that session or received directly from Governments would be reflected in a corrigendum to be issued subsequently.

As of 1986, Yugoslavia has been reclassified as a developing country in Europe (it was previously classified as a developed market-economy country, for the purposes of this annual *Review of maritime transport*).

\*  
\*   \*  
\*

Symbols of United Nations documents are composed of capital letters combined with figures. Mention of such a symbol indicates a reference to a United Nations document.

\*  
\*   \*  
\*

The designations employed and the presentation of the material in this publication 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.

\*  
\*   \*  
\*

Material in this publication may be freely quoted or reprinted, but acknowledgment is requested, together with a reference to the document number. A copy of the publication containing the quotation or reprint should be sent to the UNCTAD secretariat.

TD/B/C.4/309

UNITED NATIONS PUBLICATION
<i>Sales No. E.87.II.D.6</i>
ISBN 92-1-112232-5
ISSN 0566-7682

01800P

# CONTENTS

	<u>Paragraphs</u>	<u>Page</u>
Abbreviations .....		vii
Explanatory notes .....		viii
Introduction .....		ix
Summary of main developments in 1986 .....		ix
<u>Chapter</u>		
I. <u>The development of international seaborne trade</u> ...	1- 5	1
II. <u>Development of the world fleet</u> .....	6-21	6
A. Size and ownership of the world fleet .....	6-11	6
B. Types of vessels .....	12-19	9
C. Age distribution of the world merchant fleet .	20	17
D. Comparison of cargo turnover and fleet ownership .....	21	17
III. <u>Productivity of the world fleet and the problem of tonnage oversupply</u> .....	22-35	20
A. Estimates of tons and ton-miles per dwt .....	22-23	20
B. Estimates of tonnage oversupply .....	24-35	23
IV. <u>Shipbuilding</u> .....	36-52	29
A. Ship prices .....	36-39	29
B. Tonnage on order .....	40-43	30
C. Deliveries of newbuildings .....	44-45	34
D. Demolition of ships .....	46-52	34
V. <u>Freight markets</u> .....	53-65	41
A. Freight rates of main cargo sectors .....	53-62	41

## CONTENTS (continued)

<u>Chapter</u>	<u>Paragraphs</u>	<u>Page</u>
B. Liner freight rates as a percentage of prices of selected commodities .....	63- 64	45
C. Estimates of global freight costs .....	65	47
VI. <u>Multimodal and inland transport</u> .....	66-115	49
A. Multimodal transport .....	66- 91	49
B. UNCTAD's contribution to multimodal transport development .....	92-105	56
C. Inland transport .....	106-115	59
VII. <u>Other developments</u> .....	116-140	63
A. United Nations Convention on a Code of Conduct for Liner Conferences .....	116-117	63
B. United Nations Convention on International Multimodal Transport of Goods .....	118	63
C. United Nations Convention on the Carriage of Goods by Sea .....	119	63
D. United Nations Conference on Conditions for Registration of Ships .....	120-122	63
E. UNCTAD Committee on Shipping .....	123	64
F. UNCTAD model clauses on marine hull and cargo insurance .....	124-126	64
G. Maritime liens and mortgages - Joint Intergovernmental Group of Experts on Maritime Liens and Mortgages and Related Subjects ....	127-129	64
H. Maritime fraud .....	130-131	65
I. <u>Ad hoc</u> Intergovernmental Group of Port Experts .....	132-134	65
J. Developments towards the establishment of a common shipping policy and as regards shipbuilding within EEC and OECD .....	135-139	66
K. Contracts for freight futures .....	140	67

CONTENTS (continued)

ANNEXES

Annex

I. Classification of countries and territories

II. Merchant fleets of the world by flag of registration, groups of countries and types of ships, in grt and dwt, as at 1 July 1986.

LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. Development of international seaborne trade, 1970 and 1980-1986 ..	2
2. World seaborne trade by types of cargo, 1970 and 1980-1986 .....	3
3. World seaborne trade in 1970, 1984, 1985 and 1986 (est.) by types of cargo and shares of groups of countries .....	4
4. Distribution of world tonnage (grt and dwt) by groups of countries of registration, 1970, 1985 and 1986 .....	7
5. Distribution of tonnage of open-registry fleets by open-registry countries (grt and dwt), 1981-1986 .....	8
6. Analysis of the world fleet by principal types of vessel, 1984-1986 .....	10
7. Percentage shares of world tonnage by type of vessel and groups of countries (as at 1 July), 1980, 1984, 1985 and 1986 .....	11
8. Distribution of the world fleet and TEU capacity of fully cellular containerhips by groups of countries, at mid-year 1984, 1985 and 1986 .....	14
9. Development of conbulker fleet, 1981-1986 .....	15
10. Container port traffic of developing countries and territories, 1984 and 1985 .....	16
11. Age distribution of the world merchant fleet by type of vessel as at 1 July 1986 (percentage of total in terms of dwt) .....	18
12. Comparison between total cargo turnover and fleet ownership by groups of countries, 1970 and 1981-1986 .....	19

CONTENTS (continued)

<u>Table</u>	<u>Page</u>
13. Cargo tonnage carried and ton-miles performed per dwt of the total world fleet, 1970 and 1976-1986 .....	20
14. Estimated productivity of tankers, bulk carriers, combined carriers and the residual fleet, 1970 and 1976-1986 (ton-miles performed per dwt) .....	21
15. Estimated productivity of tankers, bulk carriers, combined carriers and the residual fleet, 1970 and 1976-1986 (tons carried per dwt) .....	22
16. Tonnage oversupply in the world merchant fleet, 1970, 1975 and 1980-1986 .....	24
17. Analysis of tonnage oversupply by vessel type, 1980-1986 .....	25
18. Distribution of world laid-up and idle tonnage of dry bulk carriers and tankers by size groups in 1982-1986 .....	26
19. Tanker tonnage engaged in oil storage, 1981-1986 .....	27
20. Major laid-up fleets by flag country as at mid-June 1986 .....	28
21. Representative newbuilding prices, 1980 and 1982-1986 .....	29
22. Second-hand ship prices, 1984-1986 .....	31
23. World tonnage on order at the end of each quarter, 1984, 1985 and 1986 .....	32
24. World tonnage on order as at 30 September 1986 .....	33
25. Deliveries of newbuildings, 1984-1986 .....	35
26. Distribution of deliveries of newbuildings by groups of countries of build, 1984-1986 .....	36
27. Broken-up tonnage trends, 1980-1986 .....	36
28. Tonnage reported sold for breaking by type of vessel, 1979-1986 .	37
29. Tankers and combined carriers laid-up and idle estimated as tonnage unlikely to trade again, 1983-1986 .....	39
30. Demolition prices in 1986 .....	39

## CONTENTS (continued)

<u>Table</u>	<u>Page</u>
31. Average age of bulk carriers sold for demolition in 1981-1986 ...	40
32. Freight rate indices, 1984-1986 .....	42
33. Average worldscale rates for crude oil movements in 1986 .....	43
34. Fluctuations in maritime bunker fuel prices, 1984-1986 .....	45
35. The ratio of liner freight rates to prices of selected commodities, 1970 and 1982-1985 .....	46
36. Estimates of total freight costs in world trade by groups of countries, 1980, 1984 and 1985 .....	48
37. Operation of double-stack trains in the United States of America .	51
38. World container population by length and type .....	55
39. World container population by height and type .....	56
40. Multimodal traffic in India - estimates for 1989/90 .....	59
41. Multimodal traffic between China and Japan .....	60

# ABBREVIATIONS

BAF	Bunker adjustment factor
CAF	Currency adjustment factor
CFS	Container freight station
cif	Cost, insurance, freight
dwt	Deadweight tons
EEC	European Economic Community
fob	Free on board
FEU	Forty-foot equivalent unit
GDP	Gross domestic product
GNP	Gross national product
grt	Gross registered tons
LCL	Less than container load
LDT	Light displacement tons
LNG	Liquefied natural gas
LPG	Liquefied petroleum gas
LUF	Lifting unit frame
MTO	Multimodal transport operator
NVO-MTO	Non-vessel-operating multimodal transport operator
OBO	Oil/bulk/ore
OECD	Organisation for Economic Co-operation and Development
ro/ro	Roll-on/roll-off
TEU	Twenty-foot equivalent unit
ULCC	Ultra large crude carrier
VLCC	Very large crude carrier
VO-MTO	Vessel-operating multimodal transport operator

# EXPLANATORY NOTES

References to dollars (\$) are to United States dollars.

Tons refer to metric tons, unless otherwise stated.

Details and percentages in tables do not necessarily add up to the totals, owing to rounding.

Two dots (..) indicate that the data are not available or are not separately reported.

A dash (-) signifies that the amount is nil, or less than half the unit

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\\_11228](https://www.yunbaogao.cn/report/index/report?reportId=5_11228)

