

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

---

# **Review of maritime transport, 1977**

---



**UNITED NATIONS**

UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT  
Geneva

# **Review of maritime transport, 1977**

*Report by the secretariat of UNCTAD*



UNITED NATIONS  
New York, 1979

## NOTE

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

The designations employed and the presentation of material in this *Review* 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.

TD/B/C.4/178/Rev.1

UNITED NATIONS PUBLICATION

*Sales No. E.79.II.D.7*

Price: \$U.S. 7.00  
(or equivalent in other currencies)

## CONTENTS

	<i>Page</i>
Explanatory notes . . . . .	vi
Abbreviations . . . . .	vii
	<i>Paragraphs</i>
Introduction . . . . .	1-2 1
 <i>Chapter</i>	
I. The development of international seaborne trade . . . . .	3-14 3
II. The development of the world merchant fleet . . . . .	15-47 6
A. Changes in the world fleet . . . . .	15-29 6
1. Changes in the total tonnage . . . . .	15-18 6
2. Productivity of shipping . . . . .	19-21 7
3. Trends in types of vessel . . . . .	22-25 8
4. Trends in size . . . . .	26-27 9
5. Trends in propulsion . . . . .	28-29 10
B. Distribution of the world fleet . . . . .	30-47 11
1. Distribution of tonnage by type of vessel . . . . .	30-36 11
2. Age distribution of the world merchant fleet . . . . .	37-43 11
3. Distribution of tonnage on order . . . . .	44-47 13
III. Shipbuilding . . . . .	48-53 15
IV. World ship prices . . . . .	54-57 17
A. Changes in prices of new vessels . . . . .	54-55 17
B. Changes in prices of second-hand vessels . . . . .	56-57 17
V. Freight markets . . . . .	58-74 19
A. General developments . . . . .	58-66 19
B. Changes in freight rates in 1977 . . . . .	67-72 21
1. Dry cargo tramp market freight rates . . . . .	67 21
2. Cargo liner freight rates . . . . .	68-71 21
3. Tanker freight rates . . . . .	72 23
C. Freight rate indices of selected commodities exported by developing countries . . . . .	73 23
D. Liner freight rates as a percentage of prices of selected commodities . . . . .	74 23
VI. Port developments . . . . .	75-95 25
A. General notes . . . . .	75-78 25
B. Demand for port services . . . . .	79-83 25
C. Supply of port services . . . . .	84-87 25
D. Adequacy of port services . . . . .	88-95 31
VII. Other developments . . . . .	96-103 34
A. Code of Conduct for Liner Conferences . . . . .	96-97 34
B. Joint ventures involving developing countries . . . . .	98 34
C. Suez Canal . . . . .	99-100 35
D. Air transport . . . . .	101-102 35
E. UNCTAD technical assistance . . . . .	103 35

## LIST OF TABLES

	<i>Page</i>
1. Development of international seaborne trade in 1965, 1970 and 1974-76 . . . . .	3
2. World seaborne trade in 1965, 1970 and 1974-1977 by types of cargo . . . . .	4
3. World seaborne trade in 1965, 1970, 1974, 1975 and 1976 by types of cargo and shares of groups of countries . . . . .	4
4. Distribution of world tonnage (g.r.t. and d.w.t.) by groups of countries of registration in 1965, 1970, 1976 and 1977 . . . . .	6
5. World tonnage on order as at 30 September 1977 . . . . .	7
6. Cargo carried per d.w.t. of world fleet in 1967, 1970 and 1974-1976 . . . . .	7
7. Estimated ton-miles of oil and grain shipments per d.w.t. in 1965, 1970 and 1974-1976, by oil tankers of 10,000 d.w.t. and above . . . . .	8
8. Estimated ton-miles of bulk commodities carried per d.w.t. in 1967, 1970 and 1974-1976 by bulk carriers, including combined carriers of 18,000 d.w.t. and above . . . . .	8
9. Analysis of the world fleet by principal types of vessel, 1970 and 1974-1977 . . . . .	9
10. Average size of selected types of vessel in the world fleet in 1965, 1970 and 1975-1977 . . . . .	9
11. Propulsion analysis of the world fleet as at 1 July, 1965, 1970 and 1975-1977 . . . . .	10
12. Trends in propulsion of vessels on order (under construction and not commenced) at 30 September, 1975-1977 . . . . .	10
13. Percentage shares of world tonnage by type of vessel as at 1 July, 1965, 1970, 1976, 1977 . . . . .	12
14. Age distribution of world merchant fleet by types of vessel as at 1 July 1977 . . . . .	13
15. World tonnage on order as at 30 September 1975-1977 . . . . .	14
16. Deliveries of new buildings, 1970 and 1975-1977 . . . . .	15
17. Distribution of deliveries of new buildings by groups of countries of build, 1970 and 1975-1977 . . . . .	15
18. Distribution of tonnage on order by groups of countries of build, 1970 and 1975-1977 . . . . .	15
19. Representative new building prices, 1970 and 1973-1977 . . . . .	17
20. Estimated prices for new and ready liner-type vessels of 11,000/13,000 d.w.t., 1970 and 1973-1977 . . . . .	17
21. Tankers: second-hand prices, average values, 1970 and 1973-1977 . . . . .	18
22. Dry bulk carriers: second-hand prices, average values, 1970 and 1973-1977 . . . . .	18
23. Liner-type vessels: second-hand prices, average values, 1970 and 1973-1977 . . . . .	18
24. Freight rate indices, 1975-1977 . . . . .	20
25. Summary of liner freight rate changes and surcharges announced during the period 1974-1977 . . . . .	22
26. Indices of freight rates of selected commodities exported by developing countries, 1975-1977 . . . . .	23
27. Ratio of liner freight rates to prices of selected commodities, 1964, 1970 and 1973-1976 . . . . .	24
28. Summary of the range of questionnaires and answers by regions . . . . .	25
29. Data on selected ports, 1976 . . . . .	26
30. Container traffic in selected ports of developing countries, 1976 . . . . .	27
31. Container traffic in selected ports of developed market-economy countries, 1976 . . . . .	28
32. Development of container traffic in the major Asian ports, 1974-1976 . . . . .	29
33. Development of container traffic in several ports of West Africa, the Caribbean and South America, 1974 and 1975 . . . . .	29
34. Present and forecast traffic in several ports in developing countries . . . . .	29
35. Current improvements to inland ports and waterways . . . . .	29
36. World Bank loans or credit for port development granted in 1976-77 . . . . .	32
37. Average daily number and net tonnage of vessels using the Suez Canal in 1966, 1976 and 1977 . . . . .	34
38. Trends in air freight volume and in air freight operating revenues, 1972-1976 . . . . .	35

## ANNEXES

I. Classification of countries and territories . . . . .	37
II. World seaborne trade according to geographical areas, 1965, 1970, 1974 and 1975 . . . . .	39
III. Merchant fleets of the world by flag of registration, groups of countries and types of ships, in g.r.t. and d.w.t., as at 1 July 1977 . . . . .	41
IV. Selected maximum and minimum tramp freight rates, 1974-1977 . . . . .	48
V. Liner freight rate changes and surcharges announced during the year 1977 . . . . .	49

## EXPLANATORY NOTES

References to dollars (\$) are to United States dollars, unless otherwise indicated.

References to tons are to metric tons, unless otherwise specified.

The term "billion" signifies 1,000 million.

Use of a hyphen between years, e.g., 1974-1975, signifies the full period involved, including the beginning and end years.

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

\*  
\* \*

The following symbols have been used in the tables in this *Review*:

A full stop (.) indicates decimals.

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

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

\*  
\* \*

The classification of countries and territories used in this *Review* is intended for statistical convenience and does not necessarily imply any judgement regarding the stage of development of any particular country.

## ABBREVIATIONS

### *Names of organizations*

EEC	European Economic Community
ESCAP	Economic and Social Commission for Asia and the Pacific
IBRD	International Bank for Reconstruction and Development (World Bank)
ICAO	International Civil Aviation Organization
IDA	International Development Association
OECD	Organisation for Economic Co-operation and Development
OPEC	Organization of the Petroleum Exporting Countries
UNCTAD	United Nations Conference on Trade and Development

### *Other abbreviations*

b.h.p.	Brake horsepower
CAF	Currency adjustment factor
c.i.f.	Cost, insurance, freight
d.w.t.	Deadweight tons
f.i.o.	Free in and out of ship
f.o.b.	Free on board
GNP	Gross national product
g.r.t.	Gross registered tons
LASH	Lighter aboard ship
LNG	Liquefied natural gas
LPG	Liquefied petroleum gas
OBO	Ore/bulk/oil
p.w.c.	Pakistan white cuttings (jute)
ro/ro	Roll-on, roll-off
RSS	Ribbed smoked sheet (rubber)
TEU	Twenty-foot equivalent unit
ULCC	Ultra large crude carrier
VLCC	Very large crude carrier

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\\_11248](https://www.yunbaogao.cn/report/index/report?reportId=5_11248)

