航政管理专业英语

张钦良 主编

ECIALISED ENGLISH FOR MARITIME ADMINISTRATI

大连海事大学出版社

SPECIALISED ENGLISH FOR MARITIME ADMINISTRATION

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张钦良 主编 吴兆麟 主审

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内 容 提 要

本书选编了有关航政管理、航标管理和水上交通安全管理专业英语阅读材料。全书共26课,包括与航政有关的国际组织、国际公约、国内法规、IMO决议、指南、建议案、手册、学术论文等;内容涉及船舶与船员管理、港口国管理、危险品运输、船舶防污染、船舶避碰、海事报告、船舶报告制度、海上搜救、全球海上遇险与安全系统、船舶交通服务、助航设施、全球定位系统等。

本书适用于航政管理(包括航标管理和水上交通安全管理)专业学生学习,也适合于从事航政(港航)管理、航标管理和水上交通安全管理的工作人员自学参考。

前 言

随着改革开放政策的深入发展,航政管理工作将不断提高水平,与国际接轨。专业英语作为航政管理工作的一种工具越来越体现其重要性。

为了满足航政管理专业培养未来有坚实英语基础的航政管理工作人员的教学需要,于 1989年曾编写了《航政专业英语阅读材料》。经过四届航政管理专业本科生的教学实践,以及 在职航政管理人员和函授生的使用,有必要对原教材进行修订和更新大部分内容,以扩大使用 范围,使新教材不仅适用于航政管理、航标管理、水上交通安全管理专业学员教学用书,还便于 以上各专业管理人员的自学,以满足实际工作的需要。

本书选材新,体例全。既反映国际航政管理的最新成就,又包括叙述文章、公约原文、国内 法规(英译文)、IMO 决议、指南、建议案、手册、学术论文等。

本书内容广泛,涉及航政管理各个领域。有关人员可重点选读与本职工作密切相关的课文。本书专业词汇量丰富,并从专业角度进行注解,便于自学理解。

为了使学习和练习相结合,便于复习巩固提高,每篇课文后附有练习题,并在书后附有参考答案。

本书以大学英语考试(CET)四级作为起点,但对四级英语词汇表中具有专业释义的词汇 也做了注解。其他一般词汇可参照《英语考试词汇手册》。

课文后附有阅读材料,提供有用的参考资料,扩大学员的知识面。阅读材料不包括在 80 学时的教学学时数内,由学员按需独立阅读。

书后附录还列出了按字母顺序(不计冠词)排列的总词汇表,并注明课文序数;练习参考答案;课文选译(课文中以黑体字排版的疑难段落的中译文),供读者参考。

本书由张钦良教授主编,吴兆麟教授主审。参加编写工作的有张钦良(1-5 课,8-10 课)、雷孝平(6,7 课)、袁林新(11,17,18 课)、郑中义(12,13 课)、傅玉慧(14 课)、朱玉柱(15,16 课)、高志明(19,20 课)、武力平(21 课)、王英志(22-24 课)、林毅伟(25,26 课)。

鉴于编者水平有限,时间仓促,书中不当和不足之处在所难免,恳请读者和专家批评指正。

编者

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Lesson One

The International Maritime Organization

Words and Expressions

| International Maritime Organiza- | | 国际海事组织 |
|----------------------------------|------------|------------------------|
| tion(IMO) | | * |
| maritime ['mæritaim] | <i>a</i> . | 海(上、事、运、洋)的,靠(近、沿、航)海的 |
| convene [kən'vi;n] | ν, | 召集(会议),集会(合) |
| enter into force | | 生效 |
| inaugurate [i'nə:gjureit] | ν. | 举行(展览会、学校等)开幕典礼,(教授、校 |
| | | 长、官员等)就职典礼 |
| session ['sefən] | n. | (一届)会议,一段时间,上课时间 |
| amendment [əˈmendmənt] | n. | 修正案,修正(改) |
| shipping ['fipiŋ] | n. | 航(海)运,航运业,(运输)船舶,发货 |
| facilitate [fəˈsiliteit] | vt. | 便利,便于,简化,促(推)进 |
| [nelqcb'e] adoption | n. | 接受,正式通过,采(选、沿)用 |
| empower [im'pauə] | vt. | 授权给,准许 |
| administrative [əd'ministrətiv] | a. | 管理的,行政(管理)的 |
| inter alia ['intə ælia](拉丁语) | ad. | 尤其,特别 |
| budget ['bʌdʒit] | n. | 预算,堆(存)积,聚集 |
| criterion [krai'tiəriən](plria) | n. | 标准,规范 |
| seaborne ['si:bə:n] | a. | 海运(船)的,来自海上的 |
| co-ordinate [kou'ə:dinit] | ν. | 使协调,调整,整理 |
| Secretary-General | n. | 秘书长 |
| subject(a.)to | | 须经,易遭(受,发生),以为条件,受 |
| 1 . 1 | | 的支配 |
| relationship [ri'leifənfip] | n | (相互)关系,共同性,联系 |
| Maritime Safety Committee | | 海上安全委员会(海安会) |
| (MSC) | | |
| aids to navigation | | 导航设备、航标 |
| manning | n. | 配(备人)员 |
| procedure [prəˈsidʒə] | n. | 程(工、顺)序,步骤,手续,(生产)过程 |

| hydrographic [haidrouˈgræfik] | <i>a</i> . | 水文(地理)的,水路的 |
|--------------------------------|------------|---|
| log-book | | 航海日志 |
| salvage ['sælvidʒ] | n, vt . | (海上)打捞,救捞,抢救 |
| guideline | n. | 导则,指南 |
| sub-committee | n. | 分委员会 |
| bulk chemicals | | 散装化学品 |
| life-saving | n. | 救生 |
| radicommunications | n. | 无线电通信 |
| Load Lines | | 载重线 |
| Flag State Implementation(FSI) | | 船旗国閥约(分委员会) |
| watchkeep | n. | 值班 |
| subsidiary [səbˈsidjəri] | a. | 副的,次要的,附属的 |
| aftermath ['α;ftəmæθ] | n. | 后(结、恶)果,余波 |
| Torry Canyon | | (船名)托瑞・卡尼翁 |
| Marine Environment Protection | | 海洋环境保护委员会(环保会) |
| Committee (MEPC) | | 两件不完成D 又 风云(2) (K云) |
| institutionalize | vt. | 使制度化,使一成不变 |
| [insti'tu:ʃənəlaiz] | vi. | 使耐及化,使 城小文 |
| Facilitation Committee | | 便利运输委员会 |
| formality [fo:'mæliti] | _ | (正式)手续 |
| "red tape" | n. | 繁文缛节,官样文章 |
| | | 新文碑 D, 目行文章 秘书处 |
| secretariate [sekrəˈtɛəriət] | n. | |
| formulation [fə:mju'leifən] | n. | 制订,列出,阐述,订出 |
| envisage [in'vizidʒ] | vt. | 预计,设想,注(正,重)视 |
| ageing ['eidʒiŋ] | n. | 老(龄)化问题 |
| "safety gap" | | 安全缺口(断层) |
| port State control | | 港口国管理 |
| ro-ros | n. | (roll-on roll-off ships 的简写)滚装船 |
| MARPOL 73/78 (International | | 经1978年修订的1973年国际防止船舶造成 |
| Convention for the Prevention | | 污染公约之简称,73/78防污公约 |
| of Pollution from Ships, 1973, | | |
| as modified by the Protocol of | | |
| 1978 relating thereto) | | |
| GMDSS | | "全球海上遇险与安全系统"(Global Mar- |
| | | itime Distress and Safety System)的缩略 语 |
| phase-in | | (分阶段)引人,逐步采用 |
| search and rescue | | 搜寻与救助 |
| trace ['treis] | n. | 踪迹,痕迹 |
| - 2 - | | |

assess [əˈses] wt. 估价,评定
goodwill [gudˈwil] n. 信誉,商誉,友好
forum [ˈfɔːrəm](pl. forums or n. 论坛,讨论会
fora)
endeavour [inˈdevə] n.,v. 努力,尽力,力图

Text

The Convention establishing the International Maritime Organization was adopted on 6 March 1948 by the United Nations Maritime Conference which was convened in Geneva on 19 February 1948. The Convention, then known as the Convention on the Inter-Governmental Maritime Consultative Organization, entered into force on 17 March 1958. The new Organization was inaugurated on 6 January 1959 when the Assembly held its first session.

The name of the Organization was changed to the International Maritime Organization in accordance with an amendment to the Convention which entered into force on 22 May 1982.

The purposes of the Organization, as summarized by Article 1(a) of the Convention, are "to provide machinery for co-operation among Governments in the field of governmental regulation and practices relating to technical matters of all kinds affecting shipping engaged in international trade; to encourage and facilitate the general adoption of the highest practicable standards in matters concerning the maritime safety, efficiency of navigation and prevention and control of marine pollution from ships", The Organization is also empowered to deal with administrative and legal matters related to these purposes.

The Organization is based at 4 Albert Embankment, London, and is the only United Nations' specialized agency to have its headquarters in Britain.

The Organization consists of an Assembly, a Council and five main Committees. There are also a number of Sub-Committees of the main technical committees.

The Assembly is the highest Governing body of the Organization. It consists of all Member States. IMO has 150 Members plus two Associate Members, It meets once every two years in regular sessions; but may also meet in extraordinary session if necessary. The Assembly is responsible, inter alia, for approving the work programme, to vote the budget and determine the financial arrangements of the Organization and to perform the functions of the Organization. The Assembly also elects the Members to be represented on the Council.

The Council is composed of 32 Member States elected by the Assembly for two-year terms beginning after each regular session of the Assembly. The Convention of the Organization provides that in electing the Members of the Council the Assembly shall observe the following criteria:

- "(a) Eight shall be States with the largest interest in providing international shipping services;
 - (b) Eight shall be other States with the largest interest in international seaborne trade;

(c) Sixteen shall be States not elected under (a) or (b) above which have special interests in maritime transport or navigation, and whose election to the Council will ensure the representation of all major geographic areas of the world".

The Council is the Executive Organ of IMO and is responsible, under the Assembly, for supervising the work of the Organization. Between sessions of the Assembly the Council performs all the functions of the Assembly, except the function of making recommendations to Governments on maritime safety and pollution prevention which is reserved for the Assembly by Article 15(j) of the Convention. Other functions of the Council are to:

- (a) co-ordinate the activities of the organs of the Organization:
- (b)consider the draft work programme and budget estimates of the Organization and submit them to the Assembly;
- (c) receive reports and proposals of the Committees and other organs and submit them to the Assembly and Member States, with comments and recommendations as appropriate;
 - (d)appoint the Secretary-General, subject to the approval of the Assembly;
- (e) enter into agreements or arrangements concerning the relationship of the Organization with other organizations, subject to appoval by the Assembly.

The members of the Council elected by the 18th Assembly in 1993 for 1994-1995 are as follows:

- (a) China, Greece, Italy, Japan, Norway, Russian Federation, United Kingdom and United States.
 - (b) Argentina, Brazil, Canada, France, Germany, India, Netherlands and Sweden.
- (c) Algeria, Australia, Bahamas, Cyprus, Egypt, Indonesia, Iran (Islamic Republic of), Kuwait, Mexico, Morocco, Nigeria, Poland, Republic of Korea, Saudi Arabia, Singapore and Spain.

The Maritime Safety Committee (MSC) is the highest technical body of the Organization. It consists of all Member States. The functions of the Maritime Safety Committee are to "consider any matter within the scope of the Organization concerned with aids to navigation, construction and equipment of vessels, manning from a safety standpoint, rules for the prevention of collisions, handling of dangerous cargoes, maritime safety procedures and requirements, hydrographic information, log-books and navigational records, marine casualty investigation, salvage and rescue, and any other matters directly affecting maritime safety".

The Committee is also required to provide machinery for performing any duties assigned to it by the IMO Convention or any duty within its scope of work which may be assigned to it by or under any international instrument and accepted by the Organization. It also has the responsibility for considering and submitting recommendations and guidelines on safety for possible adoption by the Assembly.

The MSC operates with the assistance of 11 Sub-Committees. These are:

- 1. Bulk Chemicals
- 2. Carriage of Dangerous Goods

- 3. Containers and Cargoes
- 4. Fire Protection
- 5. Flag State Implementation
- 6. Life-saving, Search and Rescue
- 7. Radiocommunications
- 8. Safety of Navigation
- 9. Ship Design and Equipment
- 10. Stability and Load Lines and Fishing Vessel Safety
- 11. Standards of Training and Watchkeeping

The legal Committee is empowered to deal with any legal matters within the scope of the Organization. The Committee consists of all Member States of IMO. It was established in 1967 as a subsidiary body to deal with legal questions which arose in the aftermath of the Torry Canyon disaster.

The legal Committee is also empowered to perform any duties within its scope which may be assigned by or under any other international instrument and accepted by the Organization.

The Marine Environment Protection Committee (MEPC), which consists of all Member States, is empowered to consider any matter within the scope of the Organization concerned with prevention and control of pollution from ships. In particular it is concerned with the adoption and amendment of conventions and other regulations and measures to ensure their enforcement.

The Sub-Committees on Bulk Chemicals and Flag State Implementation are also the subsidiary bodies of the MEPC as far as pollution aspects are concerned.

The MEPC was first established as a subsidiary body of the Assembly and raised to full constitutional status in 1985.

The Technical Co-operation Committee is required to consider any matter within the scope of the Organization concerned with the implementation of technical co-operation agency and any other matters related to the Organization's activities in the technical co-operation field.

The Technical Co-operation Committee consists of all member States of IMO, was established in 1972 as a subsidiary body of the Council, and was institutionalized by means of an amendment to the Convention which entered into force in 1984.

The Facilitation Committee was established in May 1972 and deals with IMO's work in elimination unnecessary formalities and "red tape" in international shipping. Participation in the Facilitation Committee is open to all Member States of IMO. At present the Facilitation Committee is a subsidiary body of the Council, but in resolution A. 724(17) the Assembly adopted amendments to the IMO Convention which will institutionalize the Committee.

The Secretariat of IMO consistes of the Secretary-General and nearly 300 personnel based at the headquarters of the Organization,

The Secretary-General of the Organization is Mr. W. A. O' Neil of Canada who was appointed to the position with effect from 1 January 1990. He was re-elected in 1993 for another four-year term beginning on 1 January 1994.

Over the years IMO has continually evolved to meet changing conditions and requirements. In its early years it was primarily concerned with the formulation of international conventions and codes. Today that work has largely been completed. Very few conventions are envisaged for the future, although the work of review and amendment will continue.

1

However, the world of shipping is changing very rapidly and new challenges are likely to emerge in the next few years. One matter of concern is the ageing of the world fleet; older ships tend to have more accidents than new ones and this could result in a gradual rise in the maritime casualty rate. Some Governments are concerned that this could also lead to a widening "safety gap" growing between new and existing ships. These Governments would like to see many measures which are now limited to new ships extended to existing ships as well.

There is a growing determination to ensure that IMO measures are not only implemented as widely as possible but as effectively as possible. Regional co-operation in carrying out port State control of foreign-flag ships is being encouraged.

IMO is also concerned about increased losses of bulk carriers and further improvements are planned to the safety of passenger ships including ro-ros.

On the environmental side, IMO is considering to add a new chapter to MARPOL 73/78 dealing with air pollution from ships and tanker, changes are being planned to the design of both new and existing tankers.

Throughout the present decade the GMDSS will be phased-in. It will greatly assist the search and rescue operations and make it virtually impossible for ships to vanish without trace.as still sometimes happens today.

It is impossible to assess very precisely the effectiveness of the numerous safety and anti-pollution measures which have been adopted by IMO since 1959. The shipping industry has altered so much that no valid comparison can be made. Nevertheless, the international maritime community recognizes the contribution IMO has made towards maritime safety and the prevention of marine pollution.

But there is no question that there is still an enormous amount of work to be done, and the role of IMO as the forum for the international shipping community is, if anything, even more important today than it has been in the past.

The success achieved to date through the goodwill and determined efforts of the international community, using IMO as a forum and a platform, merely demonstrates that the past three decades in the struggle for safer shipping and cleaner oceans are indeed only the first stage in a continuing endeavour.

Exercises

| I. Make a choice by choosing correspond | ding letter and filling in the blanks underlined |
|---|--|
| 1. The IMCO came into being on _ | ······································ |
| (A)6 March 1948 | (B)19 February 1948 |

| (C)17 Mai | rch 1958 | | (D)6 January 1959 | |
|-------------------------|-----------------|-----------------|-------------------|-------------------------------------|
| 2. The highes | st governing bo | ody of IMO is | • | |
| (A)secreta | riate | | (B)Council | |
| (C)Assem | bly | (D)MSC | | |
| 3. The Counc | il is composed | of | _ Member State | es elected by the Assembly for two- |
| year terms. | • | | | es. |
| (A)40 | (B)32 | (C)16 | (D)8 | |
| 4. The MEPO | Coperates with | the assistance | e of | _ sub-committees. |
| (A)two | (B)four | (C)ten | (D)elever | ı |
| 5. On the env | vironmental sid | le,IMO is con | sidering to add | a new Annex to MARPOL 73/78 |
| dealing wit | h | from ships. | | |
| (A)bulk solid cargoes (| | (B)tanker desig | gn | |
| (C)air pollution | | (D)"safety gap" | | |

II. Answer the following questions:

- 1. When and where was the IMCO inaugurated?
- 2. What is the purpose of the Organization?
- 3. Up to now, how many Member States does the Organization have?
- 4. Make a sketch of the IMO's bodies.
- 5. How many Members are there of the Council? How are they divided into three groups?
- 6. Which Sub-Committees are the subsidiary bodies both of MSC and MEPC?
- 7. Who is now the Secretary-General of the Organization? How many staff members are there of the Secretariat?
 - 8. Comment the IMO's works in brief.

Reading Materials

IMO Member States, with year of joining

| Albania | 1993 | Algeria | 1963 |
|-----------|------|------------------------|------|
| Angola | 1977 | Antigua and Barbuda | 1986 |
| Argentina | 1953 | Australia | 1952 |
| Austria | 1975 | Bahamas | 1976 |
| Bahrain | 1976 | Bangladesh | 1976 |
| Barbados | 1970 | Belgium | 1951 |
| Belize | 1990 | Benin | 1980 |
| Bolivia | 1987 | Bosnia and Herzegovina | 1993 |
| Brazil | 1963 | Brunei Darussalam | 1984 |
| Bulgaria | 1960 | Cambodia | 1961 |
| | | | |

| Cameroon | 1961 | Canada | 1948 |
|------------------------|------|---------------------|------|
| Cape Verde | 1976 | Chile | 1972 |
| China | 1973 | Colombia | 1974 |
| Congo | 1975 | Costa Rica | 1981 |
| Cote d' Ivoire | 1960 | Croatia | 1992 |
| Cuba | 1966 | Cyprus | 1973 |
| Czech Republic | 1993 | Democratic People's | 1986 |
| | | Republic of Korea | |
| Denmark | 1959 | Djibouti | 1979 |
| Dominica | 1979 | Dominican Republic | 1953 |
| Ecuador | 1956 | Egypt | 1958 |
| El Salvador | 1981 | Equatorial Guinea | 1972 |
| Eritrea | 1993 | Estonia | 1992 |
| Ethiopia | 1975 | Fiji | 1983 |
| Finland | 1959 | France | 1952 |
| Gabon | 1976 | Gambia | 1979 |
| Georgia | 1993 | Germany | 1959 |
| Ghana | 1959 | Greece | 1958 |
| Guatemala | 1983 | Guinea | 1975 |
| Guinea-Bissau | 1977 | Guyana | 1980 |
| Haiti | 1953 | Honduras | 1954 |
| Hungary | 1970 | Iceland | 1960 |
| India | 1959 | Indonesia | 1961 |
| Iran (Islamic Republic | 1958 | Iraq | 1973 |
| of) | | | |
| Ireland | 1951 | Israel | 1952 |
| ltaly | 1957 | Jamaica | 1976 |
| Japan | 1958 | Jordan | 1973 |
| Kazakhstan | 1994 | Kenya | 1973 |
| Kuwait | 1960 | Latvia | 1993 |
| Lebanon | 1966 | Liberia | 1959 |
| Libyan Arab Jamahiriya | 1970 | Luxembourg | 1991 |
| Madagascar | 1961 | Malawi | 1988 |
| Malaysia | 1971 | Maldives | 1967 |
| Malta | 1966 | Mauritania | 1961 |
| Mauritius | 1978 | Mexico | 1954 |
| Monaco | 1989 | Morocco | 1962 |
| Mozambique | 1979 | Myanmar | 1951 |
| Namibia | 1994 | Nepal | 1979 |
| | | | |

| Netherlands | 1949 | New Zealand | 1960 |
|-------------------------|------|-----------------------|------|
| Nicaragua | 1982 | Nigeria | 1962 |
| Norway | 1958 | Oman | 1974 |
| Pakistan | 1958 | Panama | 1958 |
| Papua New Guinea | 1976 | Paraguay | 1993 |
| Peru | 1968 | Philippines | 1964 |
| Poland | 1960 | Portugal | 1976 |
| Qatar | 1977 | Republic of Korea | 1962 |
| Romania | 1965 | Russian Federation | 1958 |
| Saint Lucia | 1980 | Saint Vincent and the | 1981 |
| | | Grenadines | |
| Sao Tome and Principe | 1990 | Saudi Arabia | 1969 |
| Senegal | 1960 | Seychelles | 1978 |
| Sierra Leone | 1973 | Singapore | 1966 |
| Slovak Republic | 1993 | Slovenia | 1993 |
| Solomon Islands | 1988 | Somalia | 1978 |
| Spain | 1962 | Sri Lanka | 1972 |
| Sudan | 1974 | Suriname | 1976 |
| Sweden | 1959 | Switzerland | 1955 |
| Syrian Arab Republic | 1963 | Thailand | 1973 |
| The former Yugoslav | 1993 | Togo | 1983 |
| Republic of Macedo- | | | |
| nia | | | |
| Trinidad and Tobago | 1965 | Tunisia | 1963 |
| Turkey | 1958 | Turkmenistan | 1993 |
| Ukraine | 1994 | United Arab Emirates | 1980 |
| United Kingdom of | 1949 | United Republic of | 1974 |
| Great Britain and | | Tanzania | |
| Northern Ireland | e e | | |
| United States of Ameri- | 1950 | Uruguay | 1968 |
| ca | | | |
| Vanuatu | 1986 | Venezuela | 1975 |
| Viet Nam | 1984 | Yemen | 1979 |
| Yugoslavia | 1960 | Zaire | 1973 |
| Associate Members: | | | |
| Hong Kong | 1967 | Macau | 1990 |
| | | | |

World Maritime Day:

World Maritime Day is celebrated at the end of September (the exact date is decided upon by

individual Member States) and enables attention to be focused on a particular aspect of IMO's work. The themes have been

- 1978-Safety, Welfare and Training of Seafarers
- 1979 Safer Shipping and Cleaner Oceans
- 1980-Maritime training for safer shipping and cleaner oceans
- 1981 Effective global implementation of IMO's technical standards for the promotion of safer shipping and cleaner oceans
- 1982-Global co-operation for the prevention and control of marine pollution from ships
- 1983 Maritime telecommunications for safety, efficiency and seafarers' welfare
- 1984 Global co-operation for the training of maritime personnel
- 1985 Maritime search and rescue
- 1986-Global co-operation for safety at sea and the protection of the marine environment
- 1987 Maritime legislation for safer shipping and cleaner oceans
- 1988-Shipboard management for maritime safety and pollution prevention
- 1989-IMO: the first thirty years
- 1990-Cleaner oceans; the role of IMO in the 1990s
- 1991-Passenger and crew safety on board ship
- 1992-Marine environment and development; the IMO's role
- 1993-Implementation of IMO standards-the key to success
- 1994 Better standards, training and certification IMO's response to human error

Lesson Two

International Conventions

Words and Expressions

| | | A CONTRACTOR OF THE CONTRACTOR |
|-----------------------------------|-----------|--|
| upsurge ['Apsə:d3] | n. | 高涨,高潮 |
| tonnage measurement | | 吨位丈量 |
| collision [kəˈliʒən] | n. | (车、船等的)碰撞,(利益,意见等的)冲突 |
| put into effect | | 开始生效,开始实行 |
| come into existence | | 成立,产生,开始存在 |
| coincide [kəuin'said] | v. (with) | 和一致,相符,相同 |
| keep pace with | | (跟)齐步前进,(和)并驾齐驱 |
| protocol ['proutəkəl] | n. | 议定书 |
| footing ['futin] | n. | 地位,立足点 |
| signatory ['signətəri] | n. | (协议、条约等的)签署者,签约国 |
| ratify ['rætifai] | vt. | 批准 |
| accede [æk'si:d] | vt.(to) | 加人 |
| come into force | | 生效 |
| stipulate ['stipjuleit] | vt. | 规定,订定 |
| stringent ['strind3ənt] | a. | 严格的,严厉的 |
| gross tonnage | | 总吨位(缩写为 g. t. or GT) |
| a period of grace | | 宽容期 |
| Convention Relating to Civil Lia- | | 1971年海上运输核材料方面的民事责任公 |
| bility in the Field of Maritime | | 约 |
| Carriage of Nuclear Material, | | |
| 1971 | | |
| Special Trade Passenger Ships | | 1971年特殊贸易客船协议 |
| Agreement, 1971 | | |
| enact [i'nækt] | vt. | 制定(法律),颁布,通过(法律等) |
| inspectorate [in'spektərit] | n. | (总称)检查人员,监察人员 |
| verge [və:dʒ] | n. | 边缘,界限 |
| shipowner | n. | 船舶所有人,船东 |
| shipbuilder | n. | 造船技师,造船工人,船舶建造者 |
| ~ | | The state of the s |