

3. Every candidate for a certificate shall be required to pass an examination or examinations to the satisfaction of the Administration concerned.
4. The level of knowledge required for certification shall be sufficient for the radiotelephone operator to carry out his radio duties safely and efficiently. In determining the appropriate level of knowledge and the training necessary to achieve that knowledge and practical ability, the Administration shall take into account the requirements of the Radio Regulations and the Appendix to this Regulation. Administrations shall also take into account the relevant resolutions adopted by the International Conference on Training and Certification of Seafarers, 1978, and relevant IMCO recommendations.

#### APPENDIX TO REGULATION IV/3

##### Minimum additional knowledge and training requirements for radiotelephone operators

In addition to satisfying the requirements for the issue of a certificate in compliance with the Radio Regulations, radiotelephone operators shall have knowledge and training, including practical training, in the following:

- (a) the provision of radio services in emergencies, including:
  - (i) abandon ship;
  - (ii) fire aboard ship;
  - (iii) partial or full breakdown of the radio station;
- (b) the operation of lifeboats, liferafts, buoyant apparatus and their equipment, with special reference to portable and fixed lifeboat radio apparatus and emergency position-indicating radio beacons;
- (c) survival at sea;
- (d) first aid;
- (e) fire prevention and fire-fighting with particular reference to the radio installation;
- (f) preventive measures for the safety of ship and personnel in connexion with hazards related to radio equipment, including electrical, radiation, chemical and mechanical hazards;
- (g) the use of the IMCO Merchant Ship Search and Rescue Manual (MERSAR) with particular reference to radiocommunications;
- (h) ship position-reporting systems and procedures;
- (i) the use of the International Code of Signals and the IMCO Standard Marine Navigational Vocabulary;
- (j) radio medical systems and procedures.