



SUB-COMMITTEE ON STANDARDS OF
TRAINING AND WATCHKEEPING
32nd session
Agenda item 3

STW 32/3/3
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VALIDATION OF MODEL TRAINING COURSE CONTENT

IMO Model Course for Training of GMDSS Second-Class Radioelectronics

Submitted by the Russian Federation

SUMMARY

Executive summary: The document presents a draft IMO Model training course for GMDSS second-class radioelectronic certificate, developed by the Russian Federation.

Action to be taken: Paragraph 4

Related documents: Resolution A.703(17), section A-IV/2; STCW 78/95; STW 29/14

1 Introduction

1.1 In connection with the implementation of the Global Maritime Distress and Safety System (GMDSS) and in compliance with chapter IV of the 1974 SOLAS Convention, as amended in 1988, resolution A.703(17) defines the main list of standards regarding competence of shipboard GMDSS radio personnel.

1.2 Article S47 of the International Telecommunication Union Radio Regulations provides four types of GMDSS shipboard radio personnel certificates:

- Restricted operator's certificate;
- General operator's certificate;
- Second-class radioelectronics certificate; and
- First-class radioelectronics certificate.

1.3 Taking into consideration the urgent necessity to develop a Model course for radio personnel as well as implementation of STCW 78, as amended in 1995, the International Maritime Organization has developed and published IMO Model Courses 1.26 (GMDSS Restricted operator's certificate) and Model Courses 1.25 (GMDSS General operator's certificate).

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1.4 The STW Sub-Committee, at its twenty-ninth session, pointed out that “Model training courses on the first and second-class radioelectronics certificates are under development at the Maritime Academy of Gdynia, Poland, which requires funding” (STW 29/14).

1.5 In July 1998, the Russian Federation made a proposal to IMO to join the work of the voluntary group of experts developing a GMDSS second-class radioelectronics Model Course in view of the fact that the Admiral Makarov State Maritime Academy, St. Petersburg, has a good experience in training of such specialists. The proposal was accepted by IMO.

1.6 In November 1999 during the meeting of the group of Polish and Russian experts, the framework of such Model course was agreed upon. Being grounded on this framework, the Russian Federation has completed the development of the new draft IMO Model Course for the GMDSS second-class radioelectronics Certificate in September 2000.

2 The contents of the Model course

2.1 The Model course is intended for training the personnel holding BSc qualification in electronics, for performance of the functions outlined by Article S47 of the ITU Radio Regulations.

2.2 The Model course consists of 10 modules:

- Fundamentals of Radio Systems;
- Radio Communication Equipment;
- Microprocessors;
- PC Software and Hardware;
- Electronic Navigational Aids;
- Shipborne Radar and ARPA;
- Radionavigation Systems;
- GMDSS Organization, Procedures and use of Shipborne Equipment;
- Technical Maintenance of Shipborne GMDSS Equipment; and
- The English Language.

2.3 The total amount of training hours is 584.

3 Conclusions

The Russian Federation announces the completion of the development of the draft IMO Model Course for the GMDSS second-class radioelectronics Certificate and invites the Sub-Committee to consider the document.

4 Action requested of the Sub-Committee

The Sub-Committee is invited to:

- .1 consider the IMO Model Course on training of GMDSS second-class radioelectronics and to decide on its validation; and
- .2 request the Secretariat to take steps to publish the IMO Model Course.