

**Reference No**

054/026

Duration

6 weeks

LocationMaritime
Warfare
School, HMS
COLLINGWOOD**IELTS**

6 General

FrequencyOne course
per year

INTERNATIONAL MARITIME ELECTRONIC WARFARE COURSE (IMEWC)

AIM OF COURSE

To train selected students in the principles and applications of Electronic Warfare (EW) in the Maritime domain to enable them to provide command advice on Anti-Ship Missile Defence (ASMD), Electronic Support Measures (ESM), Electronic Countermeasures (ECM), and to develop an appreciation of how threat-based intelligence analysis is conducted.

OUTLINE SYLLABUS

- ◆ Theoretical principles of radars and communications in EW
- ◆ The scope of Maritime EW (ESM, ECM, EPM)
- ◆ Signature reduction techniques
- ◆ Softkill decoy systems
- ◆ EW Equipment, Mutual Interference, Trials and Calibrations
- ◆ EW information and dissemination
- ◆ The threat in the Maritime domain
- ◆ Anti-Ship Missile targeting systems and missile control
- ◆ Anti-Ship Missile Defence planning
- ◆ Task Group EW planning and ECM control
- ◆ Maritime Intelligence principles
- ◆ Ships Intelligence teams
- ◆ Understanding and generating the OPTASK EW message
- ◆ Participation in a practical scenario-based training exercise

ENTRY STANDARDS

- ◆ Warfare trained, advantageous to have some knowledge of EW. IELTS Level 6

EXAMINATIONS/QUALIFICATIONS GAINED

- ◆ Continuous Assessment
- ◆ Theoretical Exam
- ◆ Practical Table-Top Planning Exercise



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EW operators and managers should gain training on specific EW equipment fitted to their platforms, if not already done so, prior to consolidating this training at sea. Officers and Senior Rates using the course for command overview purposes would look to gain consolidation in an appropriate environment.

REMARKS

This course provides a broad scope covering all aspects of EW in the maritime domain. It would be suitable for Officers and Senior Rates requiring a comprehensive knowledge of EW capabilities, tactics and planning. Examples include; Ship Operations Officers, Planning Staff, Shore battery commanders and instructors that require an understanding of Maritime EW. It would also suit senior operators who have or will, conduct training on national equipment. It should be noted that this course does not provide equipment specific training.