

**Reference No**

054/026

**Duration**

6 weeks

**Location**

Maritime  
Warfare  
School, HMS  
COLLINGWOOD

**IELTS**

6 General

**Frequency**

One course  
per year

# INTERNATIONAL ELECTRONIC WARFARE MANAGER (IEWM)

**AIM OF COURSE**

To train selected students in the principles and management of Electronic Warfare to enable them to provide Command advice on Anti-Ship Missile Defence (ASMD), Electronic Support Measure (ESM), Electronic Counter Measures (ECM) and Electronic Protective Measures (EPM) and to develop an appreciation of how threat based intelligence analysis is conducted. Students will also receive exposure to Task-Group and Unit level mission planning principles to enable them to support the Command in the production of a Maritime Tactical Estimate (MTE).

**OUTLINE SYLLABUS**

- ◆ Theoretical principles of Radar, Communications and Electronic Warfare
- ◆ General Electronic Warfare
  - ◆ Scope of EW (ESM, ECM and EPM)
  - ◆ Ship signature reduction
  - ◆ Soft Kill decoys
  - ◆ Control of ECM
  - ◆ EW equipment, trials & calibrations, mutual interference
  - ◆ EW personnel and duties
  - ◆ Managing the EW team
  - ◆ Types of EW information and dissemination
  - ◆ Tasking of Task Group/Unit level EW (included practical scenarios)
  - ◆ EW database & libraries
  - ◆ EW Radar analysis, data collection and recording
  - ◆ EW (ASMD)
  - ◆ The Threat
- ◆ Principles of Intelligence (Intelligence briefs and, ship's intelligence team)
- ◆ Introduction of Action Information Organisation
  - ◆ Information sources to the AIO
  - ◆ The Wider Area Picture (WAP) and, Automated Information System (AIS)
- ◆ Visits/operations acquaints
- ◆ Practical simulator training culminating in assessed multi-threat scenarios prior to qualification

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**ENTRY STANDARDS**

- ◆ Should be Warfare trained; advantageous to have basic knowledge of EW

**EXAMINATIONS/QUALIFICATIONS GAINED**

- ◆ Continuous assessment
- ◆ Theoretical exam
- ◆ Practical assessment
- ◆ Ability to manage an EW department at sea

**POST COURSE RECOMMENDATIONS**

Six months practical EW experience in a sea going environment.

Undergo EW equipment training/familiarisation on National systems.

**REMARKS**

Open to Officers and EW Senior Rates who will be involved in the management/training of the EW team and/or EW advisor to the Command.