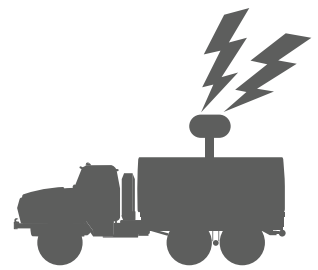


Land Electromagnetic Warfare (EW) Course



Who should attend?

Anyone involved in formulating strategy, policy, doctrine, processes or procedures for Land EW capability in a deployed, operational context. Anyone involved in the practical application, delivery and conduct of Land EW in a deployed, operational context.

Key Organisations

Ministry of Defence

HQ Army

Defence Science and Technology Agencies

Defence Research Lab/Institutes

All Government agencies, industries and organisations interested in the development of Land EW capability.

Introduction

This course addresses the key management functions regarding the planning, preparation, deployment and sustainment of Land EW capability in a deployed operational context. This includes the processes and procedures required to effectively manage EW capability. It will focus on the employment of EW assets and how best to utilise these assets in a variety of operational environments. There will be a detailed focus on Counter Radio Controlled Improvised Explosive Devices (RCIEDs) covering threats, equipment, technology cycle and interoperability. It will also address key subjects that EW has significant influences upon; Intelligence Surveillance Target Acquisition and Reconnaissance (ISTAR), Information Operations and Battlespace Spectrum Management as well as the roles and responsibilities of military personnel involved in EW Equipment Procurement, specifically; Procurement Cycle, Capability Integration, Statements of Requirement, Requirements Capture and the various associated key document outputs. The course will also facilitate a number of practical based exercises designed around realistic deployed scenarios in order to consolidate student learning.

What you will learn:

- The Electromagnetic Threat
- Electromagnetic Surveillance (ES) principles and techniques - Search, Intercept, Direction Finding and Analysis of signals at radio and RADAR frequencies
- Electromagnetic Attack (EA) principles and techniques – Jamming, Deception and Neutralisation.
- Electromagnetic Protect (EP) principles and techniques - Active and passive measures
- The capabilities and limitations of Land EW equipment
- The deployment principles and cycle relating to EW capability and operations
- Counter Radio Controlled Improvised Explosive Device principles
- EW in Information Operations
- ISTAR principles
- Duties of the User Representative in the procurement of EW capability.



Course Duration
2 Weeks

Location
Mercury EW Ltd – Training Facility