

DATA LINK MANAGER/INTERFACE CONTROL OFFICER (DLM/ICO)

Course Syllabus Overview

Duration – 15 days

The aim of the course is to provide students with an in-depth understanding of Tactical Data Link (TDL) systems, operations and of the roles and responsibilities of a Data Link Manager (DLM)/Interface Control Officer (ICO). The course references both Allied Tactical Data Link Publications (ATDLPs) and United States (US) Military Standards (MIL-STDs) documentation.

The course places emphasis on practical training with lessons supported by the use of simulations and operational systems.

Training delegates receive unlimited access to the SyntheSys Defence Community Portal, which is designed to enhance and support the training experience. Delegates can access course information, download copies of course material, and also benefit from the other tools within the portal. For more information on the portal, [click here](#).

Day 1

- Introduction to TDLs
- Link 1
- Introduction to Link 11 & 11B
- Introduction to Data Link Training Suite (DLTS) 11

Day 2

- DLTS 11 Exercise
- Introduction to Joint Tactical Information Distribution System (JTIDS)/Multifunctional Information Distribution System (MIDS) Link 16
- JTIDS/MIDS Architecture
- Time Slot (TS) Structure & Packing
- Access Modes
- J-Series Messages & Network Participation Groups (NPGs)
- Nets & Networks

Day 3

- Relay
- Interoperability (IO)
- Building NPGs 7 & 29
- Communications Security (COMSEC)
- Terminals & Interference Protection Feature (IPF)
- Frequency Clearance Agreement
- Operational Tasking (OPTASK) Link 16



Day 4

- JTIDS/MIDS Initialisation
- Synchronisation
- Introduction to DLTS 16
- Introduction to Link 22
- Link 22
- OPTASK Link 22

Day 5

- Introduction to Variable Message Format (VMF)
- OPTASK Link Combat Net Radio (CNR)
- Other TDLs & Systems

Day 6

- Introduction to Joint Range Extension Application Protocol (JREAP)
- OPTASK Link Joint Range Extension (JRE)
- JRE Exercise
- Multi-TDL Planning
- Data Forwarding (D/F)

Day 7

- Link 11 Management
- Brevity Codewords
- Planning Exercise 1 Brief
- Planning Exercise 1 Execution
- Planning Exercise 1 Debrief

Day 8

- Planning Exercise 2 Brief
- Planning Exercise 2 Execution
- Planning Exercise 2 Debrief
- Planning Exercise 3 Brief
- Planning Exercise 3 Execution

Day 9

- Planning Exercise 3 Debrief
- Planning Exercise Final Brief
- Planning Exercise Final Execution

Day 10

- Planning Exercise Final Execution



Day 11

- 11 Steps Network Design (ND)
- International Network Design Exchange (INDE) Files
- JTIDS/MIDS Coordination Message (JCM)/JTIDS/MIDS Activity Report (JAR)

Day 12

- Planning Exercise Final Execution
- Link 16 & 22 Network Management
- Planning Exercise 2 Brief
- Planning Exercise 2 Execution
- Planning Exercise 2 Debrief

Day 13

- Planning Exercise 3 Brief
- Planning Exercise 3 Execution
- Planning Exercise 3 Debrief
- Planning Exercise Final A Brief
- Planning Exercise Final A Execution
- Planning Exercise Final A Debrief

Day 14

- Planning Exercise Final B Brief
- Planning Exercise Final B Execution
- Planning Exercise Final B Debrief
- Planning Exercise Final C Brief
- Planning Exercise Final C Execution
- Planning Exercise Final C Debrief

Day 15

- Recording and Analysis
- Current and Future Projects
- Course Feedback
- Planning Exercise Final

About SyntheSys

SyntheSys provides defence systems, training, systems and software engineering and technical management services over a spectrum of different industry sectors. Along with distinct support and consultancy services, our innovative product range makes us first choice provider for both large and small organisations. Established in 1988, the company focus is on fusing technical expertise with intuitive software applications to solve common industry challenges.

