

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 11A & 11B

Day 2

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

Day 3

- Relay
- Interoperability (IO) & Receipt Compliance (R/C)
- Building NPGs 7 & 29
- Communications Security (COMSEC)
- Terminals & Interference Protection Feature (IPF)
- Block Upgrade 2 (BU2)
- Frequency Clearance Agreement

Day 4

- Operational Tasking (OPTASK) Link 16
- MIDS Initialisation
- MIDS Synchronisation

- Introduction to Link 22
- NILE Communications Equipment (NCE)
- Link 22 Architecture
- Link 22 Networks

Day 5

- Link 22 Initialisation
- Introduction to Variable Message Format (VMF)
- Other TDLs & Systems

Day 6

- Introduction to Joint Range Extension Application Protocol (JREAP)
- OPTASK Link Joint Range Extension (JRE) & Satellite
- JRE Exercise
- Intro to Planning
- Link 11 Planning & Management

Day 7

- Planning Exercise 1 Brief
- Planning Exercise 1 Execution
- Planning Exercise 1 Debrief

Day 8

- Link 16 Planning
- Data Forwarding (D/F)
- Data Filters
- Information exchange Requirements (IERs)
- Planning Exercise 2 Brief
- Planning Exercise 2 Execution

Day 9

- Link 22 Planning
- OPTASK Link 22
- JREAP Planning
- Planning Exercise 3 Brief
- Planning Exercise 3 Execution

Day 10

- Planning Exercise Final Brief
- Planning Exercise Final Execution

Day 11

- 11 Steps Network Design (ND)
- Planning Exercise Final

- 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 D Brief
- Planning Exercise Final D Execution
- Planning Exercise Final D Debrief

Day 15

- Course Feedback

About SyntheSys

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