

An Introduction to Tactical Data Links

Table of Contents

Introduction Why Tactical Data Links?

Chapter 1

The Need
Results
Basic TDL Concepts
Connectivity
Transmission Media
Structure of TDL Messages
Supporting Documentation
STANAGs
Allied Data Publications
MIL-STDs & Opspecs
Single Link Interface Requirements (SLIR) &
Platform Implementation Difference Data
(PIDD)
Optask Link

Chapter 2

Current TDLs
Link 1
Link 4
Link 11
JTIDS/MIDS, IJMS & Link 16
JTIDS/MIDS
IJMS
JTIDS/Link 16
S-TDL- J & Joint Range Extension (JRE)
Variable Message Format

Chapter 3

Current Multi-TDL Environment
US/NATO TDL Migration Strategy
LINK 22
LINK 22 TDMA
IBS
Data Forwarders
Weapons Control Data Links
Tactical Internet (TI)
LINK 16 Replacement
Joint Tactical Radio System (JTRS)

Chapter 4

Today's Multi-Link Environment
TDL Planning and Management
The Plan
Procedures

Glossary