



# Introduction to Tactical Data Links (TDLs) – The Operator's Perspective

**21 July 2009**

**Presenter: Mr Graham Priestnall, SyntheSys  
Technology Park Conference Centre,  
Mawson Lakes SA**

## Teaching Arrangements

The course will be conducted from 9.00am to 5.00pm. Morning tea will be available at approximately 10.00am to 10.30am, lunch from 12.30pm to 1.30pm and afternoon tea at approximately 3.00pm to 3.30pm.

**Registration Fee:  
AU\$880 (including GST)**

Group and PhD student discounts available. Please enquire.

## How to Register

To register fill out the registration form (overleaf) and

- fax it to +61-8-8343-8711

or

- scan and email it to [industryeducation@nicta.com.au](mailto:industryeducation@nicta.com.au)

## Cancellation Policy

At least **4 weeks** notice is required for cancellation of a place in a short course for full reimbursement. If cancellation is later than 4 weeks then the place can either be given to another person or the registrant can be provided with a credit towards other NICTA training.

For details of further courses please see our web site:

[www.nicta.com.au/short\\_courses](http://www.nicta.com.au/short_courses)

or contact the NICTA Industry Education Manager.

## About this course

This course is designed for those people directly working in the tactical data link (TDL) field for the first time, or for people working in organisations that support TDLs and want to gain an appreciation of the operational use of TDLs. The course provides the attendee with an overview of many of the current TDLs in use today. These include Link 1, Link 11, JTIDS/ IJMS, JTIDS/MIDS Link 16, Link 22 and VMF. Additionally those attending the course will gain an appreciation of the operational requirements and other circumstances that have led to the development of each TDL and the issues associated in a multi-TDL environment.

A copy of the SyntheSys manual, 'An Introduction to TDLs', is provided to those attending the course.

## Brief Course Outline

**Duration: 1 day.**

This course is primarily involved with the following TDLs:

- Link 11;
- Joint Tactical Information Distribution System (JTIDS)/Interim JTIDS Message Specification (IJMS)
- JTIDS/Multifunction Information Distribution System
- (MIDS) Link 16
- Link 22
- Variable Message Format (VMF)

The course examines the following areas:

- The purpose of TDLs in C2 systems
- Basic concepts of TDL systems
- TDL documentation – MIL-STDs, STANAGs, ADatPs and other documentation and operating guides
- Operating parameters, systems and capabilities of TDLs
- Concepts and systems which may be used in the future
- The Multi-Link Environment.

## About SyntheSys

**SyntheSys** is a specialist training and consultancy company working in the field of military tactical data links (TDLs). With over 20 years of TDL experience, SyntheSys provides independent, up to date and operationally relevant TDL training. SyntheSys consultants are either highly qualified systems engineers, or former military operational experts with many years of TDL experience. SyntheSys is recognised as a leader in the field of VMF training and consultancy both in the UK and the USA.

## About NICTA and Short Course Program

National ICT Australia (NICTA) is Australia's ICT Centre of Excellence and was established to drive innovation through high quality research, research training and technology transfer. As a world-class research institute NICTA uniquely combines excellence in research, education, commercialisation and collaboration. We are working to ensure that Australia is well placed to benefit from the significant opportunities that ICT research delivers.

NICTA is funded by the Australian Government as represented by the Department of Communications, Information Technology and the Arts and the Australian Research Council through *Backing Australia's Ability* and the ICT Centre of Excellence program. NICTA members are the Australian Capital Territory Government, the New South Wales Government, the University of New South Wales and the Australian National University.

NICTA short courses offer scientists, engineers and managers technical training with a leading edge in areas such as telecommunications, transport, security, defence, logistics, e-government, mining, finance and biotechnology.

There will be ample opportunities for discussion and questions and answers. Morning and afternoon tea/coffee and a light lunch will be provided. Extensive workshop materials will be made available to participants.

### How to register

Please complete the registration form below and

- Fax it to +61-8-8343-8711 or
- Scan and email it to [industryeducation@nicta.com.au](mailto:industryeducation@nicta.com.au)

**Send the form as soon as possible to secure your place.**

For further information please contact  
Anne-Marie Eliseo  
Industry Education Manager  
Telephone: +61-8-8343-8710  
Email: [anne-marie.eliseo@nicta.com.au](mailto:anne-marie.eliseo@nicta.com.au)

## Registration Form and Tax Invoice\* ABN 62 102 206 173

\*Upon completion of this form, including the relevant payment, this form will become a Tax Invoice.

**Please register me for Introduction to TDs – The Operator's Perspective on 21 July 2009.**

PLEASE PRINT

Date: \_\_\_\_\_

Title: \_\_\_\_\_ First Name: \_\_\_\_\_ Surname: \_\_\_\_\_

Position: \_\_\_\_\_ Organisation/Division: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Telephone No: \_\_\_\_\_ Facsimile No: \_\_\_\_\_ Email: \_\_\_\_\_

Dietary preference: \_\_\_\_\_

Course Fees:  Full fee: AU\$880 (incl. GST)  
(Register before **Jul 7<sup>th</sup>, 2009.**)

### Method of Payment (please tick below):

Cheque (payable to National ICT Australia Ltd)  
Forward the cheque and a copy of THIS registration form to:  
Anne-Marie Eliseo, Industry Education Manager, NICTA, Innovation House, First Ave, Mawson Lakes SA 5095, Australia.

Credit Card: Credit Card No.: \_\_\_\_\_ Expiry Date: \_\_\_\_\_

Visa  Master Card Name on card: \_\_\_\_\_

Amount: AU\$ \_\_\_\_\_ Signature: \_\_\_\_\_  Tick if receipt required

Email address of card holder: \_\_\_\_\_

Electronic Funds Transfer  
**Please advise by email to Annette Van Bramer**  
[annette.vanbramer@nicta.com.au](mailto:annette.vanbramer@nicta.com.au)  
**when payment is made**

BANK	Commonwealth Bank of Australia
ACCOUNT NAME	National ICT Australia Limited
BSB	062 900
ACCOUNT NUMBER	1032 4576
REFERENCE NUMBER	210709

**FAX the form to +61-8-8343 8711 or EMAIL it to [industryeducation@nicta.com.au](mailto:industryeducation@nicta.com.au)**

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- Send an email to [comments@nicta.com.au](mailto:comments@nicta.com.au) or
- Phone NICTA's Industry Education Manager on +61 8 8343 8710.