



Welcome to the International Data Links Society's e-mail bulletin. The bulletin covers topical news and events that are of interest to the Data Links community. To contribute or advertise, contact the Editor at communication_secretary@idlsoc.com.

IDLS2015

Important dates for your calendar! **IDLSoc Training Day 3 November 2015** **IDLS2015 4 – 6 November 2015**

The Theme

Enabling Technologies to increase Modern Warfighting Capability

Below is a list of the subthemes/hot topics that we are looking to focus on this year.

- Satisfying the need for Beyond Line of Sight data exchange
- Refreshing CONOPS to cope with the modern warfare environment
- Overcoming issues of Data Link integration on Unmanned Vehicles / Systems
- Integrating the Battlespace with Small Form Factor Data Link Solutions
- Utilising Tactical Data Links in the Live, Virtual and Constructive Arena
- Expanding the use of Tactical Data Links for ISR Mission
 - Digital Aided Casualty Air Support
 - Digital Aided Fire Support
- Safety and Security of Data Link Communications Systems

Call for Presentations

Our Society aims to provide models of Data Link best practice and to promote their use across the Data Links community and beyond. With this year's Symposium theme and subthemes in mind, we are looking for high quality presentations on current issues of interest on relevant aspects of research, practice and application.

These presentations, which should be approximately thirty minutes long (including questions and answers), will be delivered during the plenary sessions.

Process and timetable for submissions:

1. Please contact [Emma Jane Taylor](mailto:emma.jane.taylor@idlsoc.com) as soon as possible if you wish to submit a presentation for consideration.
2. We would like to receive an abstract of 150 to 300 words outlining your presentation. It should contain details of the subject you wish to address and the point(s) you wish to make. It must be submitted by **27 February 2015**. A short list of candidates will be selected based on the content of the abstracts.
3. Potential presenters will then be asked to submit a draft presentation by **15 May 2015**. The draft presentation should be near final presentation quality and should contain complete structure and textual content. If all the graphics/videos that you may wish to use are not yet available please indicate where these will appear in your final paper. These papers will be used by the Events Committee to select the conference presenters. Everyone will be informed of the selection by **31 July 2015**.



International Data Links Society

One Network, One Team

Useful Information and Tips about submitting an abstract

- Just a title of a presentation is not an abstract and will not be considered
- A paragraph does not tell us enough, specific presentation goals are required to make a fair assessment
- Please make sure that your abstracts tells us
 - What the problem is and why people should care
 - Your approach, and your results
 - Conclusions and why people should listen to you
- The deadlines are important and are there to try ensure we can publish the programme as soon as possible which is key for some delegates approval processes
- The deadline for submissions is Friday **27 February 2015**

Exhibitor Packages

We are delighted to announce that the following companies have secured Packages for IDLS2015.

Gold Package Holders



Silver Package Holders



Bronze Plus Package Holders



The Bronze, Silver and Gold packages include paid delegate registration, hotel rooms and promotional opportunities. In response to feedback from exhibitors we are now offering two types of Bronze Package - Bronze Plus and Bronze. The difference between these two packages is the number of delegate registrations, and hotel rooms included.

To download a copy of the exhibitor packages [click here](#).

For more information about IDLS2015 visit the [IDLS2015 website](#) which is regularly updated.



International Data Links Society

One Network, One Team

Society News

AS/NZ Chapter

On 10th November 2014, the Australian/New Zealand Chapter of the International Data Link Society in conjunction with the Tactical Information Exchange Integration Office (TIEIO), held a TDL Interoperability Summit at the National Convention Centre, Canberra.



The keynote speakers representing Australia - Vice Chief of Defence Force Group - MAJGEN Fergus McLachlan (Head of Joint Capability Coordination); Joint Operations Command - CDRE Charles McHardie (Director General Australian Defence Simulation and Training Centre) and New Zealand Defence Force - WGCDR Paul Drysdale (Director Communication and Information Systems) provided, some hundred delegates, with insights into their future thinking. They spoke of their perspective on experiences of recent operations and what TDLs added to these operations. They also highlighted areas where improvements should be made.

The keynote speakers were followed by presentations from several industry representatives:

- **Lockheed Martin** discussed the importance of planning the TIE process from requirement management to testing.
- **Boeing Defence** briefed on the integration of the TDLs on-board the RAAF's AEW&C platform, Wedgetail.
- **ViaSat** discussed Software Defined Radios.
- **Saab/BAE Systems** outlined their experiences in designing, integrating, installing & testing TDLs onto the RAN's ANZAC Frigates and Landing Helicopter Docks.
- **Harris** provided information on Land Combat Network Radio integration.
- **Raytheon** discussed Joint Fires and Air/Land integration.

During the final session of the day delegates split into two groups to consider a) multi-TDL networking on air and sea and b) land network.

Holding the TDL Summit the day before MilCIS, a major conference in Canberra, provided delegates with the opportunity to attend both conferences. The success of the TDL Interoperability Summit has prompted the Chapter to organise a summit for 2015.

NATO News – 18TH NTDLS – Have you Registered?

18th NATO Tactical Data Link Symposium (NTDLS) will take place in Calpe on 16-19 March 2015.

The theme for which will be “**Challenges for Tactical Data Links – Legacy TDLs and Evolving Technology**”.

Online registration is open until 27 FEB 2015 via the **NEW NTDLS Homepage!** You need to **request access** to the **NTDLS Homepage** at: <https://nhqc3s.hq.nato.int> To gain access please select the **CaP1-Tab** and choose **NTDLS** and click on ‘**Sign In**’, ‘**Request an Account**’, then complete the registration form (Sponsor= DLSS) and follow the instructions.



Coalition Warfare Interoperability Exercise (CWIX) 2015

The Main Planning Conference for Coalition Warfare Interoperability Exercise (CWIX) 2015 took place recently in Izmir, Turkey finishing on Friday 30 January.

CWIX will take place again at the Joint Force Training Centre (JFTC) in Poland in the month of June. During the Exercise functional areas (FA), will be used to carry out interoperability testing. Amongst these will be:

- Tactical Data Links
- Friendly Force Tracker
- Data Centric
- CIS & Security
- Operational Command
- Modelling and Simulation

With IDLSoc's obvious special interest in TDL, the planned links to be tested will be: Link 1, 11, 11B, 16, 22, JREAP C, VMF and SIMPLE. Testing will also be carried out on versions of the ADatP-3 Optask Link.

NATO and the following nations are planning to participate in this testing:

- Germany
- Denmark
- Finland
- France
- Italy
- Norway
- Turkey
- USA
- Poland
- Czech Republic

Corporate News

Corporate Membership

We are pleased to announce that [Tactical Communications Group](#) has renewed its corporate membership of the Society.



For more information about becoming a Corporate Member of IDLSoc [click here](#).

NCS - Link 16 Network Enabled Weapon's Training Course Available

NCS has completed the development of the Link 16 Network Enabled Weapons Training Course. Network Enabled Weapons integrate enhanced Precision Guided Munitions (PGM) into existing Link 16 networks. Positive weapons control (pre / post launch) enhances accuracy, supports target adjustments, retargeting, BDA, and weapon abort. The weapon also updates its location and status throughout the mission, increasing situation awareness. For more information [please click here](#)

Thales signs contract to support Danish Network Management and Monitoring System

Thales has signed a contract with the Danish Defence Acquisition & Logistics Organisation (DALO) to provide support for their Network Management and Monitoring System (NMMS).



International Data Links Society

One Network, One Team

NMMS was originally provided by Thales under a contract signed in 2006. The system enables the Royal Danish Air Force (RDAF) to plan, monitor and manage an optimised network of Link 16 tactical data links. The recent contract sets out a framework for the provision of core hardware and software support for NMMS over the next 4 years, with options to extend the arrangement for a further 3 years.

The contract also includes options for the provision of spares, on-site engineering, training activities and ad hoc tasking. This commits Thales to a long-term, enduring relationship with DALO that will ensure that the RDAF can continue to operate a vital national defence asset.

CAOC Udem to Host SyntheSys Data Link Manager (DLM) /Interface Control Officer (ICO) Training Course in June 2015

We are delighted to announce that the Combined Air Operations Centre (CAOC) Udem, Germany is to host its second Data Link Manager (DLM)/Interface Control Officer (ICO) Course. The course will be held from Monday 1 June through to Friday 19 June 2015. This three-week course, for 12 students, with two instructors in support, is designed to provide personnel with an in-depth understanding of how to plan, build, interact and subsequently manage Multi TDL architectures. The course is focussed on providing students with a series of challenging learning outcomes through the use of practical exercises, simulation and real world operational software. This interactive process promotes a cooperative learning environment allowing each student to progress with confidence and a developed knowledge of each TDL.

The CAOC Udem course will closely follow our first DLM/ICO Course of 2015, which is being hosted by the Norwegian TDL Squadron. With attendees from Norway, Sweden, Finland and the Netherlands, we anticipate that the training will continue to forge a cohesive path of cross border Multi TDL co-operation and understanding.

If you would like to attend the CAOC Udem course or receive a copy of the full syllabus please contact training@synthesys.co.uk or alternatively call us at +44 (0)1947 821464.

Lockheed Martin UK IS&GS - FAST Air Support Team

Lockheed Martin UK IS&GS is pleased to announce the provision of Technical Support for MIDS & Data Link for the Fast Air Support Team (FAST), encompassing both Typhoon and Tornado GR4 platforms. LМУK IS&GS has provided technical support to the Tactical Data Link (TDL) community over the past two decades and has built an experienced and knowledgeable TDL team that are able to cover all aspects of TDLs. The team will utilise this experience, coupled with the ability to leverage the LM UK IS&GS Proprietary TDL Interoperability (IO) and Test tools, including eSMART, MANDRIL, CIVET and PUMA.

As a highly experienced and specialist Systems of Systems (SoS) defence engineering Company, LМУK IS&GS has the assured breadth and depth to deliver all of the FAST requirements as well as having a deep understanding of the domain and environment into which the Typhoon and Tornado aircraft are deployed.

NCS Awarded Specialist Training Company of the Year for 2014

The senior management team of the Security Industry E-Magazine recently presented the Specialist Training Company of the Year for 2014 to NCS. The award was presented to NCS Managing Director,



International Data Links Society

One Network, One Team

Patrick Pierson, at a ceremony held at the Landmark Hotel in London.

The Award reflects the evolution of NCS Training as a world leader in the provision of Tactical Data Link training including Link 16, Network Planning, Network Design, and Interface Control Officer Training. As stated in the magazine article NCS take their training very seriously for " We realise that Tactical Data Links (TDL) are a very technical operational field where the decisions made months in advance, or in real time, may actually mean the difference between life and death, so only the best training in the world will do."

To read the full article, follow the link. <http://www.securityindustryemag.com/ncs-press-release-14-october-2014>

Lockheed Martin UK announces latest iSMART and eSMART news

iSMART Interoperability (IO) Workshops

LMUK have released the dates of the 2015 IO workshops schedule, to be based at their Farnborough UK offices. All courses are free to attend and provide a good opportunity to get hands on experience of the eSMART toolset. Attendees will create a platform specification against the latest STANAG/MIL STD, and then undertake a migration to the latest baseline, with the identification of potential IO issues en-route.

Book now to avoid disappointment for the 2nd - 3rd June workshop - places are filling up fast! Contact justin.e.smith@lmco.com to reserve your spot.

eSMART 2015

eSMART 2015 software will be released in July and will contain the most significant enhancements to the software's functionality in the last 10 years. Focused on enabling smart Interoperable Evaluations, for the first time ever build your platform.

EVENTS DIARY

Date/Time	Event & Location	Description
12 February 2015 17:00hrs	Swedish Chapter Annual Meeting FMV Stockholm	Theme: Link 22 in Sweden. Keynote speaker Brig General Thomas Nilsson, Chief FMV SPL LED.
16 – 19 March 2015	18th NTDLs Calpe, Spain	Theme: Challenges for TDL – Legacy TDLs and Evolving Technology.
3 November 2015	IDLSoc Training Day Shaw Centre, Ottawa, Canada	Topics to be decided.
4 – 6 November 2015	IDLS2015 Shaw Centre, Ottawa, Canada	Theme: Enabling Technologies to increase Modern War-fighting Capability. The IDLS2015 website has been launched and is being populated with information.

For more details visit the events page at www.idlsoc.com

This e-mailed bulletin has come from the Secretariat of the International Data Links Society – IDLSoc. The contents are intended solely for the use of the intended recipient. No one else may retain, use, copy, forward, distribute or place any reliance on all or any of it in any form. IDLSoc is not responsible for the contents or accuracy of any links. If you receive this e-mail in error, or wish to unsubscribe, contact the IDLSoc Secretariat, Emma Jane Taylor communication_secretary@idlsoc.com.