LINK 16 MASTERCLASS 18-19 APRIL 2018

Introduction

1.	The Australian Defence Force Tactical Datalink Authority (ADFTA) in conjunction with the International Data Link Society (IDLSoc) Australia/New Zealand (AS/NZ) Chapter is holding a LINK 16 Masterclass at the Majura Theatre, Majura Park Canberra Airport from 0900 to 1700 on the 18th and 19th of April 2018.

2.	Link-16 is a digital communications system that provides a secure, jam resistant digital Line Of Sight (LOS) communication link for exchange of voice and data. Link 16 is a major component of the backbone for Near Real and Non Real Time tactical data exchange within the Australian Defence Force Mutli Tactical Data Link Network (MTN).

Content

3.	This Two Day Masterclass is intended to introduce attendees to advanced Link 16 concepts which will be employed by the ADF in the near future. The Masterclass will consist of a series of presentations covering the following topics:

a.	MIDS Block Upgrade 2 (BU2) vs MIDS JTRS;

   (1)	Concurrent Contention Receive (CCR);

   (2)	Concurrent Multi-Netting (CMN-4);

   (3)	LINK 16 Enhanced Throughput (LET);

   (4)	Frequency Remapping; and

   (5)	Crypto Modernisation.

b.	Networked Enabled Weapons (NEW);

   (1)	How it works and communicates.

c.	External time Reference (ETR) Operations and Issues;

d.	Link 16 Network Monitoring.

4.	All topics will be delivered at the Unclassified Level.

Speaker

5.   Dr. Peter Camana is director of Advanced Systems for Government Systems at ViaSat Inc. He is responsible for implementing the overall stratgey for ViaSat to apply open, integrated architecture, advanced hardware and software technology.

6.   Peter also leads a range of military communications and tactical data link systems for applications from weapons to advanced platforms. He has helped lead methods to increase throughout from the Link 16 communications network and increasing information exchange protocols requested by the Network Centric Warfare.

7.   Before joining ViaSat, Peter was a leader in business development and communication systems at TRW (now Northrop Grumman) and led the development of source coding approaches for video communications with the Air Force Avionics Laboratory.

8.   He earned his BSEE at Lehigh University and his MSEE and Ph.D. degrees at The Ohio State University.

Who Should Attend

9.   This workshop is open to participants from Defence as well as a limited number of Australian Defence Industry IDLSoc members. Noting the subject matter is Link 16 enhancements, a previous understanding of Link 16 is encouraged.

10.   Attendance is limited to 75 delegates

Course Cost

11.   There is no cost for workshop attendance; however, travel costs, parking and accommodation will be the individuals own responsibility. Morning tea, light lunch and afternoon tea will be provided.

Nominations

12.   Nominations for the course should be forwarded through the IDL Society website www.anzidlsoc.com.au selecting the masterclass tab. General inquiries should be directed to the Contact Officer. Nominations will close Wednesday 4 April 2018.

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