

ANNEX A. GLOSSARY

1 R IRISH	The Royal Irish Rangers
AAP	NATO Standardisation Agreements and Allied Publications
AAP	Allied Administrative Publication
AAP-6	Allied Administrative Publication N° 6 - NATO Glossary of Terms and Definitions
ABCA	The America, Britain, Canada, Australia (ABCA) Armies Program is an armies interoperability forum the purpose of which is to optimize interoperability through cooperation and collaboration in the continuous pursuit of standardization and mutual understanding in order to integrate the capabilities of the ABCA Armies in coalition operations
AC	Active Status
ACE	Allied Command Europe
ACK	Acknowledgement
ACO	Airspace Control Order / Allied Command for Operations
ACP	Allied Communications Publication
ACS	Automated Channel Selection
ACSE	Association Control Service Element
ACT	Allied Command Transformation
ACT DAO	Allied Command Transformation, Data Administration Office
AD	Air Defence
ADatP-3	Allied Data Publication Message Formats
ADM	ATCCIS Data Model
ADMD	Administration Management Domain
AEngrP	Allied Engineering Publication
AFNORTH	Allied Forces Northern Region
AFS	ADatP-3 Formatting Staff
AFV	Armoured Fighting Vehicle
AH	Attack Helicopter
AI	Air Interdiction
AICM	Aeronautical Information Conceptual Model
AIntP-3	Allied Intelligence Publication 3
AIRCENT	Allied Air Forces Central Europe
AMLESB	Additional Military Layers - Environment Seabed and Beach
AN	Access Node
ANSI	American National Standards Institute
AOI	Area of Interest
AOR	Area of Responsibility
APC	Armoured personnel carrier
APDU	Application Protocol Data Unit
API	Application Programming Interface
APP	Allied Procedural Publication
APPL	Application
APP-10	Allied Procedural Publication N° 10 - NATO Interoperability Document
APP-6A	Allied Procedural Publication N° 6A - Military symbols for Land Based Systems
APP-9	Allied Procedural Publication N° 9 - Compendium of Allied Forces Messages
AR	Armored – US designation / Army Regulation
ARM	ATCCIS Replication Mechanism
Armd	Armoured
ARP	Address Resolution Protocol
ARRC	ACE Rapid Reaction Corps

Arty	Artillery
ASAP	Application service access point
ASCA	Artillery Systems Cooperation Activities
ASCII	American Standard Code for Information Interchange
ASN.1	Abstract Syntax Notation 1
ASSOCMAN	Association Manager
ASUW	Anti Surface Warfare
ASW	Anti-submarine warfare
ATacCS	Army Tactical Computer System
ATCCIS	Army Tactical Command and Control Information System
ATCCS	Army Tactical Command and Control System (USA)
ATCP	Air Traffic Control Procedures
ATP	Allied Technical Publication
ATP-35(B)	Allied Tactical Publication 35(B) - Land Forces Tactical Doctrine
AUS	Australia
AUT	Austria
AUTOKO	AUTomatisiertes KOmmunikationsnetz
AWG	ATCCIS Working Group
BAI	Battlefield air interdiction
Bde	Brigade
BE	Basic Encyclopedia - a target numbering scheme
BEL	Belgium
BFV	Bradley Fighting Vehicle
BG	Battle Group (Equivalent to a US Battalion)
BGR	Bulgaria
BICES	Battlefield Intelligence Collection and Exploitation System
BIGSTAF	Breitbandiges Integriertes Gefechtsstandfernmeldenetz
BIP	Battlefield Interoperability Programme
BiSC	Bi Strategic Commands (NATO)
BL	Baseline
BMHS	BIP Message Handling System
BMP	Russian fighting vehicle
BMS	Battlefield Management System
Bn, BN	Battalion
BOA	Basic Object Adaptor
BPD	Boundary Protection Device
Bty	Battery
C	Conditional
C2	Command and Control
C2IEDM	Command and Control Information Exchange Data Model (formerly named LC2IEDM)
C2IS	Command and Control Information Systems
C2S	Command and Control System
C3	Command, Control and Communications / Consultation, Command, and Control [NATO usage]
C4I DTF	Object Management Group (OMG) C4I Domain Task Force
CAN	Canada or Canadian
CAS	Close Air Support
CASP	Coordinated Air Sea Procedure
CAV	Cavalry
CBRN	Chemical, Biological, Radiological and Nuclear
CBT	Combat
CCEB	Combined Communication Electronic Board
CCIR	Commander's Critical Information Requirements
CCIS	Command and Control Information System

CCWG	Configuration Control Working Group
CDC	Center for Disease Control
CE	Combined Endeavour
CEE	Common Engineering Environment
CEOI	Communication and Electronic Operating Instruction
CET	Combat Engineer Tractor
CFCS	Command and Fire Control System
CFE	Conventional Forces Europe
cGY	Centigray
CIS	Communications and Information System
CJTF	Combined & Joint Task Force
CM	Configuration Management
CMBG	Combat Brigade Group (CAN)
CMO	Civil/Military Operations
CMSR	Configuration Management Status Report
CN	Change Notice
CNR	Combat Net Radio
COD	Concise Oxford Dictionary
COI	Community of Interest
COLOC	Change of Location of Command
COMMS	Communications
COMSEC	Communication Security
COP	Common Operational Picture
CORBA	Common Object Request Broker Architecture
CoStEx	Command and Staff Exercise
COTS	Commercial Off The Shelf
Coy, COY	Company
CP	Change Proposal
CP	Command Post
CPX	Command Post Exercise
CRC	Cyclic Redundancy Check
CRLF	Carriage Return Line Feed
CRO	Crisis Response Operations
CSMA/CD	Carrier Sense Multiple Access / Collision Detection
CWID	Coalition Warrior Interoperability Demonstration
CZE	Czech Republic
DAFIF	Digital Aeronautical Flight Information File
DB	Database
DBA	ADatP-3 Data Base Administrator
DDDS	Defense Data Dictionary System (USA)
DDL	Database Definition Language / Data Definition Language
DEM	Data Exchange Mechanism
DEMS	Data Exchange Mechanism Schema
DES	Data Exchange Schema
DEU	Germany or German
DIGEST	Digital Geographic Exchange Standard
Div, DIV	Division
DMSWG	Data Management Services Working Group (formerly NDAG)
DMWG	Data Modelling Working Group
DNK	Denmark
DoD	Department of Defense (USA)
DOS	Day of supply
DP	Data Provider
DPC	Defence Planning Committee (NATO)

DR	Data Receiver
DSN	Delivery Status Notification
DSP	Digital signal processor
DTG	Day Time Group
E.G.	Exempli Gratia – As Example
ECCM	Electronic Counter – Counter Measures
ECM	Electronic Counter Measures
ED50	European Datum 50
E-IARRCIS	Enhanced Interim ARRC Information System
EID	Experimental Interoperability Database
E-Mail	Electronic Mail
EMC	Electro-Magnetic Compatibility
EMCON	Emission Control
Engr	Engineer, Engineering
ENVID	Envelope ID
EOD	Explosive Ordnance Disposal
EoS	Element of Service
EQPMT	Equipment
ER	Entity Relationship
ERWIN	CaseTool ER=entity-relationship WIN=Windows-based
ERwin™	IDEFIX software tool from Computer Associates (Versions 3.5.2 and 4.1.4 SP3)
ESMTP	Extended Simple Mail Transfer Protocol
ESP	Spain
ETA	Estimated Time of Arrival
EUROFOR	European Force
EW	Electronic Warfare
EXCON	Exercise Control
FA	Field Artillery
FAA	Federal Aviation Administration
FAAP/CG	Federal Aviation Administration Pilot/Controller Glossary
FACC	Feature and Attribute Coding Catalog (Volume 4 of the DIGEST standard)
FAFCISO	Federal Armed Forces CIS Organization
FBI	Federal Bureau of Investigation (USA)
FD	Field Demonstration
FFIR	Friendly Forces Information Requirements
FFIRN	Field Format Index Reference Number
FUD	Field Use Designator
FH	Frequency Hopping
FIBE	Field Initiated Basic Encyclopedia—a target numbering scheme
FIMU	Fleet Information Management Unit (Royal Navy – GBR)
FIN	Finland
FIPS	Federal Information Processing Standard (USA)
FK	Foreign Key (a key inherited by a child entity from a parent entity)
F-Kill	Firepower Kill (criterion)
FLET	Forward line of enemy troops
FLIP	Flight Information Publications
FLOT	Forward Line Own Troops
FM	Field Manual
FORMETS	NATO Message Text Formatting System
FRA	France or French
FS	Fire Support
FSCL	Fire Support Coordination Line
FTP	File Transfer Protocol
FUD	Field Use Designator

FUDN	Field Use Designator Number
FUI	Field Use Identifier
GBR	United Kingdom of Great Britain and Northern Ireland
GeFüSys	Gefechtsfeldführungssystem
GEL	Generic Event List
GEW	Global Early Warning
GH	Generic Hub Data Model - ATCCIS
GIE	Global Information Environment
GIS	Geographic Information System
GOIDG	General Officers International Digitization Group
GPOC	Gateway Point of Contact
GRC	Greece
GW	Gateway
HCDR	High Capacity Data Radio
HDRS	Headers
HEROS	Heeresführungsinformationssystem für rechnergestützte Operationsführung in Stäben (GER)
HF	High Frequency
HICON	Higher Controller
HoD	Head of Delegation
HQ	Headquarters
HQ AFCENT	Headquarters Allied Forces Central Europe
HQ AFSOUTH	Headquarters Allied Forces Southern Europe
HQ ARRC	Headquarters ACE Rapid Reaction Corps
HQ EUROCORPS	Headquarters European Corps
HRF/LRF	High Readiness Forces / Low Readiness Forces
HTML	Hyper Text Markup Language
HTTP	Hyper Text Transfer Protocol
HUMINT	Human Intelligence
HUN	Hungary
HW	Hardware
I.E.	Id Est - Such As
I/O	Input / Output
IA5	International Alphabet Number 5 (also known as ASCII)
IAD	Interface Adapter Device
IAW	In Accordance With
ICAM	Integrated Computer-Aided Manufacturing
ICAO	International Civil Aviation Organisation
ICE	Information Content Element
Id	Identification; Identifier
ID	Infantry division (e.g., 25ID)
IDEF	Integrated Computer-Aided Manufacturing (CAM) Definition (Language)
IDEF1X	IDEF for Data Modelling
IDEF1X	ICAM Definition Language 1. Extension
IDL	Interface Definition Language
IED	Improvised Explosive Device
IEEE	Institute of Electrical and Electronic Engineers
IEM	Information Exchange Mechanism
IER	Information Exchange Requirement
IEW	Intelligence Electronic Warfare
IFF	Identification Friend/Foe
IFR	Instrument Flight Rules
IMC	Information Management Cell
IMINT	Imagery Intelligence

IMO	International Maritime Organisation
IMS	International Military Staff
IN	Inactive (status)
Inf, INF	Infantry
INFOSEC	Information Security
INTSUM	Intelligence Summary
IOB	Inter-Operability Branch
IOF	Input/Output Facility
IOT&E	Initial Operational Test & Evaluation
IP	Internet Protocol, ISO/OSI level 3
IPM	Interpersonal Messaging
IPMS	Interpersonal Messaging System
IR	Incident Report
IRD	Information Resource Dictionary
IRDS	Information Resource Dictionary Standard
IRRB	IR Review Board
ISDN	Integrated Services Digital Network
ISO	International Organisation of Standardisation
ISO/OSI/IEC	International Standardisation Organisation/ Open Systems Interconnection/ International Electrotechnical Commission
ISSC	Information System Sub-Committee
ITA	Italy or Italian
ITR	Initial Technical Review (CP at AFS or DBA)
ITU	International Telecommunication Union
JAG-T	JC3IEDM Annex Generation Tool
JC3IEDM	Joint C3 (Consultation, Command, and Control) Information Exchange Data Model (formerly named C2IEDM)
JC3RCSC	Joint C3 Requirements and Concepts Sub-Committee
JCS	Joint Chiefs of Staff
JCS Pub	Joint Chiefs of Staff Publication (USA)
JSB	Joint Service Board
JSP	Joint Services Publication (GBR)
JTF	Joint Task Force
JWID	Joint Warrior Interoperability Demonstration (renamed to CWID in 2005)
KBS	Kilobits per second
K-Kill	Permanent Kill (“unserviceable” criterion)
LAN	Local Area Network
LARS	Multiple rocket launcher
LASH	Lighter Aboard Ship
LC	Line of contact
LC2IEDM	Land Command and Control Information Exchange Data Model (formerly named Generic Hub 4)
LC2IS	Land Command and Control Information System
LCIS	Land Common Interoperability System
LFC2IS	Land Forces Command and Control System
LFCS	Land Forces Command System
LFRIL	Land Forces Reportable Item List (NATO)
LG.1	Land Group 1 (of the NATO Army Armaments Group - NAAG)
LLAPI	Low Level Air Picture Interface
LLC	Logical Link Control
LO	Liaison Officer
LOCON	Lower Controller
LOWG	Land Operational Working Group
LTU	Lithuania
M01	DEM incremental update management data exchange PDU

M02	DEM bulk management data exchange PDU
M03	DEM catalogue bulk management data exchange PDU
MA	1) Management and 2) Mandatory
MAS	NATO Military Agency for Standardisation
MBN	MIP Briefing Notes
MBP	MIP Block Plan
MBPT	MIP Boiler Plate Text
MBT	Main Battle Tank
MBxTP	MIP Block x Test Plan (x is for the Block it's written for)
MCCIS	Maritime Command and Control Information System
MCDM	MIP Common Data Model
MCI	MIP Common Interface
MCLiP	MIP Communications and Liaison Plan
MCMP	MIP Configuration Management Plan
MCS	Maneuver Control System (USA)
MDP	MIP Development Plan
MDWP	Multi Disciplinary Working Party (MIP)
MEBxR	MIP End Of Block x Report (x is for the Block it's written for)
MEDP	MIP Exercise and Demonstration Plan
MEI	Message Exchange Interface
MEL	Main Events List
MEM	Message Exchange Mechanism
MET	Meteorology, Meteorological
MFI	Mandatory For Implementation
MG	Multinational agreement
MGA	CP MG agreed
MGS	CP in MG Staffing process MTFWG
MHS	Message Handling System
MI	Military intelligence
MIC	Multinational Interoperability Council
MIE	Military Information Environment
MIF	MIP Integrated Framework
MIL-STD-2525B	US Mil Standard, Common Warfighting Symbology, version B dd 30 Jan 1999
MIME	Multipurpose Internet Mail Extensions
MIP	Multilateral Interoperability Programme
MIP Baseline List	MIP Baseline Documents Status List
MIP CONOPS	MIP Concept of Operations
MIP Doc Reg	MIP Document Register
MIP Glos	MIP Glossary
MIP IEDM	MIP Information Exchange Data Model
MIP POC	MIP Point of Contact List
MIPS	MIP Integrated Programme Schedule
MIPSYSMAN	MIP System Management (message)
MIR	MIP Implementation Rules
MIRD	MIP Information Resource Dictionary
M-Kill	Mobility Kill (criterion)
MLC	Military Load Classification
MLRS	Multiple Launch Rocket System
MMHSWG	Military Message Handling Services Working Group
MNC	Multinational Corps
MND	Multi-National Division
MNMB	MIP – NATO Management Board
MOA	Memorandum of Agreement
MOD	Ministry of Defence

MOH	MIP Operational Handbook
MOL	MIP Official Library
MOLT	MIP Operational Level Test Specification
MOOTW	Military Operations Other Than War
MOP	MIP Operating Procedures
MOPP	Mission Oriented Protective Posture
MOU	Memorandum of Understanding
MPA	Military Patrol Aircraft
MPMP	MIP Programme Management Plan
MPR	MIP Problem Report
MPRL	MIP Program Risk List
MPRRB	MPR Review Board
MPRT	MIP Problem Report Tool (aka MIPzilla, Bugzilla)
MRMP	MIP Risk Management Plan
MRS	MIP Reference System
MS	Message Store / MIP Solution
MSB	MIP Standard Briefing
Msg	Message
MSG	MIP Steering Group
MSISP	MIP System Interconnections Security Policy
MSLT	MIP System Level Test Specification
MTA	Message Transfer Agent
MTBF	Mean Time Between Failure
MTC	MIP Test Controller
MTEMP	MIP Test and Evaluation Master Plan
MTF	Message Text Format / Medical Treatment Facility
MTFWG	Message Text Format Working Group
MTFWG CM Plan	Message Text Format Working Group Configuration Management Plan
MTIDP	MIP Technical Interface Design Plan
MTIR	MIP Tactical C2IS Interoperability Requirement
MTM	Message Transfer Mechanism
MTP	MIP Test Plan
MTS	Message Transfer System
MTTP	MIP Technical Test Plan
MTTR	Mean Time To Repair
MTWP	MIP Testing Working Party
MVS	MIP Vision and Scope
MWAOP	MIP WEB Site Administration and Operating Procedures
MWTU	Mine Warfare Training Unit (Royal Navy - GBR)
NAAG	NATO Army Armaments Group
NAD	Network Architecture Diagram
Narr	Narrative
NATO	North Atlantic Treaty Organisation
NBAC	Narrow body civilian aircraft
NBC	Nuclear, Biological and Chemical
NC3A	NATO Consultation, Command, and Control Agency
NC3B	NATO Consultation, Command, and Control Board
NC3O	NATO Consultation, Command, and Control Organization
ND	National Division
NDAG	NATO Data Administration Group (now DMSWG)
NEGACK	Negative Acknowledgement
NEO	Non-combatant Evacuation Operations
NFFI	NATO Friendly Force Identifier
NGA	National Geospatial and Intelligence Agency

NGF	Naval gunfire
NHQC3S	NATO Headquarters Consultation, Command, and Control Staff
NHQC3S/IOB	NATO Headquarters Consultation, Command, and Control Staff / Interoperability Branch
NI	Not Implemented
NII	National Implementation Issue
NIETWG	NATO Interoperability Testing Working Group
NIMP	NATO Interoperability Management Plan
NIPD	NATO Interoperability Planning Document
NLD	The Netherlands
NOR	Norway
NOSWG	NATO Opens Systems Working Group
NPIS	NATO Procedural Interoperability Standards
NRT	Nearly Real Time
NTDI	NATO Target Data Inventory
O/R	Originator/Recipient
OBJ	Objective
OC	Operation Centre
OCL	Object Constraint Language
OED	Oxford English Dictionary
OIG	Operational Information Groups
OLT	Operational Level Test
OMG	Object Management Group
OMT	Object Modelling Technique
OO	Object Oriented
OOB	Order of Battle
OOTW	Operations Other Than War
Op Eval	Operational Evaluation
OPCOM	Operational Command
OPCON	Operational Control
OPFOR	Opposing Forces
OPLAN	Operations Plan
OPORDER	Operations Order
ORB	Object Request Broker
ORBAT	Order of Battle
Org	Organization
OSI	Open Systems Interconnection
OT	Object Technology
OWG	Operational Working Group
P1	A special X.400 protocol
PDAU	Physical Delivery Access Unit
PDU	Protocol Data Unit
PIR	Prioritized Information Requirements
PL	Phase Line
PM	Project Manager
PMG	Program Management Group (MIP)
POL	Petroleum, Oil, and Lubricant
POL	Poland
POSACK	Positive Acknowledgement
POW	Prisoner of War
PPP	Point-to-Point-Protocol
PRMD	Private Management Domain
PRT	Portugal
PSO	Peace Support Operations
PUB	Publication

QACISG	Quadrilateral Army CIS Interoperability Group
QACISIG	Quadrilateral Army Communications and Information systems Interoperability Group
QIOP	Quadrilateral Interface Operational Procedures (QIP Program)
QIP	Quadrilateral Interoperability Programme
QMHS	QIP Message Handling System
QSTAG	Quadripartite Standardization Agreement
QTIDP	QIP Technical Interface Design Plan
RCPT	Receipt to
RDBMS	Relational Data Base Management System
RDC	Replication Domain Composite
RDT	Replication Domain Type
RDU	Replication Domain Union
Recce	Reconnaissance
REF	Reference
REPMAN	Replication Manager
RET	Return
RFC	Request for Comments
RFC 822	Part of SMTP Message Text Format
RFD	Request For Deviation
RFW	Request For Waiver
Rgt, REGT	Regiment
Rh	Rhesus factor in blood typing
RHA	Royal Horse Artillery (GBR)
RHQ	Regional Headquarters
RIC	Reportable Item Code
RIP	Routing Information Protocol
RITA	Réseau Intégré de Transmissions Automatiques (FRA)
RLC	Royal Logistics Corp
RMKS	Remarks
ROE	Rules of Engagement
ROU	Romania
RPC	Remote Procedure Call
RTR	The Royal Tank Regiment (GBR)
RTSE	Reliable Transfer Service Element
S&F	Store and Forward
SA	Situational Awareness
SACEUR	Supreme Allied Commander Europe
SAN	Secondary Access Node
SAP	Service Access Point
SATCOM	Satellite Communications
SC/n	Subcommittee/number
SCRA(T)	Single Channel Radio Access (Terminal)
SEAWG	Systems Engineering & Architecture Working Group
SEI	Software Engineering Institute from Carnegie Mellon University
SHAPE	Supreme Headquarters Allied Powers Europe
SHAPE DAO	Supreme Headquarters Allied Powers Europe, Data Administration Office
SHORAD	Short Range Air Defence
SIACCON	Sistema Automatizzato di Comando e Controllo (ITA)
SICF	Système d'Information pour le Commandement des Forces (FRA)
SIGINT	Signals Intelligence
SIMACET	SIstema de Mando y Control para el Ejército de Tierra (ESP)
SINCE	Simulation and C2 Information System Connectivity Experiment
SIR	Système d'Information Régimentaire (FRA)
SLIERP	Senior Land Information Exchange Requirements Panel

SLT	System Level Test
SME	Subject Matter Expert
SMTTP	Simple Mail Transfer Protocol
SNR (A)	Senior National Representatives (Army)
SNR (C3)	Senior National Representatives (C3)
SOHB	Staff Officers Handbook (GBR)
SOI	Statement of Intent
SOP	Standard Operating Procedures
SOTRIN	Sottosistema di Trasmissioni Integrate
SPN	Self-Protecting Node
SQL	Structured Query Language (ISO)
Sqn	Squadron
SRS	[Software or System] Requirements Specifications
SSP	System Security Policy
STANAG	NATO STANdardisation AGreement
Std	Standard
STGP	Shared Tactical Ground Picture
SUT	System Under Test
SVN	Slovenia
SW	Software
SWE	Sweden
SYS ACK	System Acknowledgement
SYS MAN	(MIP) System Management (message)
SYS NAK	System Negative Acknowledgement
TAA	Tactical Assembly Areas
TACCIS	Tactical Area Command and Control Information System
TASK ORG	Task Organisation
TBD	To be Done / To be Decided / To be Determined
TCP	Transmission Control Protocol
TCP/IP	Protocol used within TCP/IP (Transfer Control Protocol/Internet Protocol) wide area networks
TEL	Transporter erector launcher
TEWG	Test and Evaluation Working Group
TFMAN	Transfer Facility Manager
TFTP	Trivial File Transfer Protocol
Tgt	Target
TIDP	Technical Interface Design Plan
TMHS	Tactical Message Handling System
TOA	Transfer Of Authority
TOC	Tactical Operations Centre
TOE	Table of Equipment
TOO	Table of Organisation
TOP WG	Land Forces Tactical Doctrine and Operational Procedures Working Group
ToR	Terms of Reference
TP2K	TACOM Post-2000
TTP	Tactics, Techniques and Procedures
TTSpec	Technical Test Specification
TUR	Turkey
TWG	Technical Working Group
UA	User Agent
UDP	User Datagram Protocol
UK	United Kingdom
UN	United Nations
USA	United States of America

USMTF	United States Message Text Format
UTC	Coordinated Universal Time
UTM	Universal Transverse Mercator
UTO	Unit Task Organisation
UTP	Unshielded Twisted Pair
UXO	Unexploded Ordnance
VFR	Visual Flight Rules
VHF	Very High Frequency
WAN	Wide Area Network
WBAC	Wide Body Civilian Aircraft
WG(s)	Working Group(s)
WGS-84	World Geodetic System 1984 (reference standard)
WHO	World Health Organisation
WP	Working Paper
WP(s)	Working party(s)
WTD 81	Wehrtechnische Dienststelle 81
WWW	World Wide Web
X01	DEM Incremental Update Data Exchange PDU
X02	DEM Full Bulk Data Exchange PDU
X03	DEM Aborted Update PDU
X.400	CCITT/ITU Recommendation for Message Handling Systems
X25	Protocol used within ISO standard X25 based networks
X400	Protocol used within ISO standard X400 based networks
XDR	External Data Representation
XML	Extensible Markup Language
Y2K	Year 2000