ROYAL AUSTRALIAN ARTILLERY ABBREVIATIONS AND ACRONYMS

Daily life within the Army is punctuated with abbreviations and acronyms; however, they are a 'living' form and, like the English language, they change with time, due to a variety of reasons. The following are the Royal Regiment of Australian Artillery (and Artillery-related) abbreviations and acronyms, both past and present.

AA Anti-Aircraft

AAD Anti-Aircraft Defence

AADC Anti-Aircraft Defence Commander

AALO Anti-Aircraft Liaison Officer AASL Anti-Aircraft Search Light

AASWCC Artillery and Air Strike Warning Control Centre

ACBO Assistant Counter Battery Officer

ACG Air Combat Group
Ack acknowledge
Ack IG See: AIG

ACM Airspace Control Measures

ACO Airspace Control Order / Air Contact Officer

ACP Ammunition Control Point

ACPO Assistant Command Post Officer ACV Armoured Command Vehicle

AD Air Defence ADA Air Defence Area

ADAM Area Denial Artillery Munition

ADCIS Air Defence Command and Information System

Adj Adjust ADJT Adjutant

ADLO Air Defence Liaison Officer

AEW&C Airborne Early Warning and Control

AFA Australian Field Artillery

AFAB Australian Field Artillery Brigade

AFATDS Advanced Field Artillery Tactical Data System

AFDC Artillery Fire Data Computer

AG Air-Ground

AGA Australian Garrison Artillery AGOPS Air Ground Operations

AGWTU Army Guided Weapons Trials Unit

Al Air Interdiction

AIG Assistant Instructor-in-Gunnery (sometimes referred to as: Ack IG)

AL Air Land All Avail All Available

ALI Air Land Integration

ALT Altitude
ALG Air Lift Group
ALO Air Liaison Officer
Air OP Air Observation Post
AMC At My Command

AMV Adopted Muzzle Velocity

AO Air Observer / Area of Operations
AOCC Air Operations Coordination Centre

A of D
Angle of Departure
AOP
Air Observation Post
A of P
Angle of Projection
AOR
Area of Responsibility

A of S Angle of Sight

AP Ammunition Point / Armour Piercing

APCBC Armour Piercing, Capped, Ballistic Capped
APCNR Armour Piercing Composite Non-Rigid
APCR Armour Piercing Composite Rigid
APDS Armour Piercing Discarding Sabot
APHE Armour Piercing High Explosive
APS Automatic Positioning System
AP-T Armour Piercing - Tracer

ARB Air Burst Ranging

APTL Air Portability Team Leader

Arty Artillery

Arty Int Artillery Intelligence

Arty Tac Artillery Tactical Headquarters
Arty TT Artillery Trade and Training
ASM Artificer Sergeant-Major

ASMT Artillery Survey Mathematical Tables

A-Tk Anti-Tank

ATEP Army Test and Evaluation Programme

ATGW Anti-Tank Guided Weapon ATI Artillery Target Indication AWCC Air Warning Control Centre AWD Air Warfare Destroyer

AWDATS Automatic Weapon Data Transmission System

BAC Brigade Ammunition Column
BACP Battery Ammunition Control Point
BAOR Battery Area of Responsibility

BC Battery Commander

BC Ack Battery Commander's Assistant

BCP Battery Command Post

BDFA Brigade Division Field Artillery

BDR Bombardier BE Base Ejection

BG Battery Guide / Battle Group

Bg Bearing

BGHA Brigadier General, Heavy Artillery

BHQ Battery Headquarters
BIP Ballistic Impact Point
BK Battery Captain
BL Breech Loading

BLCP Breech Loading - Central Pillar
BLO Bombardment Liaison Officer
BMETS Battlefield Meteorological System
BMRA Brigade Major Royal Artillery

BP Bearing Picket beeswax

BOL Breech Operating Lever

BOMREP Bombing Report

BOP Battery Observation Post

BP Bearing Picket

BPR Battery Plotting Room

BQMS Battery Quartermaster-Sergeant BSCP Battery Safety Command Post

BSD Burst Safe Distance BSM Battery Sergeant-Major

Bty Battery

Bty L Battery Left
Bty R Battery Right
Bty Wksp Battery Workshop
BWR Basic Wind Report

C Ballistic Coefficient

Co Standard Ballistic Coefficient

CA Coast Artillery

CAMC Cancel At My Command

CAS Close Air Support

CASL Coast Artillery Searchlight

CB Counter Battery / Counter Bombardment

CBF Counter-Battery Fire

CBLO Chief Bombardment Liaison Officer
CBO Counter-Battery (Bombardment) Officer

CC Collective Call / Chief Clerk / computing centre

CCD Commander, Coast Defences
CCF Crest Confidence Factors

CCMA Commander, Corps Medium Artillery

CCU Command and Control Unit CDA Commander, Divisional Artillery

CE Composition Exploding

CES Complete Equipment Schedule

CF Covering Fire
CFN Craftsman
Ch Charge
CL Chief Instructor

CI Chief Instructor
CLK Admin
CLU Central Loading Unit
CO Commanding Officer

CO/CI Commanding Officer/Chief Instructor

C of A Centre of Arc

C of M Correction of the Moment C of R Commencement of Rifling

CMETS Computerised Meteorological System

Comd Command / Commander

CP Command Post

CPO Command Post Officer

CPOA Command Post Officer Assistant
CPSF Command Post Shooting Form
CPSO Command Post Safety Officer
CPSU Controller Power Supply Unit
CPV Command Post Vehicle
CPX Command Post Exercise

CR Commencement of Rifling / Control Room

CRA Commander, Royal Artillery (the term also used for the Commander, Royal Australian Artillery)

C-RAM Counter Rockets Artillery Mortars
CRBBO Catch Retaining Breech Block Open

CRC Control and Reporting Centre

CRH Calibre Radius Head
CS Close Support

CSS Combat Service Support

C/S Call-Sign

CSBC Close Support Battery Commander

CSG Close Support Group
CTC Console Tactical Control
CTR Close Target Reconnaissance

CTT Close Target Tracking
CVT Controlled Variable Time
CWS Common Weapon Sight

DA Direct Action

D Arty Director of Artillery (the term also used for the Director, Royal Australian Artillery)

DAC Divisional Ammunition Column
DAER Daily Ammunition Expenditure Rate
DAIO Divisional Artillery Intelligence Officer

dAlt Difference Altitude

DAP Divisional Ammunition Park
DASO Divisional Artillery Survey Officer

DC Danger Close

DCBO Divisional Counter-Bombardment Officer
DCC Displacement Correction Calculator

DDU Data Display Unit dE difference in eastings

Deg Degree
Det Detachment

Det Cmdr Detachment Commander

DF Defensive Fire

DF (SOS) Defensive Fire (SOS)
DF Tasks Defensive Fire Tasks
DFC Depth Fire Call

DGPS Differential Global Positioning System

dHt difference in height

Dist Distance
DO District Officer
Dn Direction

dN difference in northings

DP Departure Point / Departure Priority

DPF Depression Position Finder

DP-ICM Dual Purpose Improved Conventional Munition

DRA Director Royal Artillery
DRF Depression Range Finder

DS Direct Support

DSL Depression Sight Line DTG Date/Time Group

DZ Drop Zone

ECM Electronic Counter Measures

ECCM Electronic Counter - Counter Measures

ECN Employment Category Number
ECW Equivalent Constant Wind
EFC Equivalent Full Charge

Elev Elevation EM End of Mission

EMEIs Electrical and Mechanical Engineers Instructions

EOD Explosive Ordnance Disposal
EPGM Excalibur Precision Guided Munition

EPIAFS Enhanced Portable Inductive Artillery Fuze Setter

EPLRS Enhanced Position Locating Radio System

EVA Electronic Velocity Analyser

FA Field Artillery

FAAD Forward Area Air Defence System

FAADC Forward Area Air Defence Command and Control

FAB Field Artillery Brigade

FABS Field Artillery Back-up System

FAC Forward Air Controller

FACE Field Artillery Computer Equipment

FAP Forward Ammunition Point FBA Field Branch Artillery

FC Fire Commander / Fire Control

FCC Fire Control Centre FCS Fire Control System

Fd Field

FDC Fire Direction Centre FDT Fire Direction Table

FEBA Forward Edge of the Battle Area

FFE Fire for Effect
FFR Fitted for Radio
FG Field Gun

FLOT Forward Line of own troops

FM Fire Mission (eg. FM Bty – Fire Mission Battery / FM Regt – Fire Mission Regiment, etc)

FNH Flashless non-hygroscopic

FO Forward Observer

FO Ack Forward Observer's Assistant FOO Forward Observation Officer

FOP Forward Observation Party / Forward Observation Post

FOU Forward Observation Unit
FP Firing Point / Fire Plan
FPC Fire Planning Cell
FPF Final Protective Fire
FPR Fortress Plotting Room

FS Fuze setting
F of S Fall of Shot
fs Feet per Second
FS Flash Spotting
FSB Fire Support Base

FSCC Fire Support Coordination Centre
FSCL Fire Support Coordination Line
FSCM Fire Support Coordination Measure
FSOP Flash Spotting Observation Post

FSPB Fire Support Patrol Base

F Sp Flash Spotting FST Fire Support Team

FT Firing Table FU Fire Unit

FUP Forming-up Place FWR Fitted with Radio

GA Garrison Artillery / Gun Area

GAC Gun Area Commander / Gun Angle Control

GAK/1 Gyroscopic Orientor GAK/1 G-AMB Giraffe Agile Multi-beam (radar)

GAP Gun Aiming Point

GBAD Ground-Based Air Defence

GBAMD Ground-Based Air and Missile Defence

GCIs Graphical Control Instruments
GCT Graphical Corrector Table

GD Gun Drill

GDATS Gun Data Automatic Transmission System

GF Gun Fire

GFT Graphical Firing Tables

GH Gun/Howitzer

GL Gun Laying / Ground Liaison GLO Ground Liaison Officer

GLPS Gun Laying and Positioning System

GLS Gun Laying System

GLSC Gun Line Section Commander

GMA Grid Magnetic Angle

GMAT Guided Missile Ammunition Technician

GMT Greenwich Mean Time

GNR Gunner Gny Gunnery

GOP Gun Observation Post

GP Gun Position / General purpose

GPO Gun Position Officer
GPS Gun Position Safety Officer
GPS Global Positioning System

GR Grid Reference

GS Gunnery Staff / Grid Square / General Support

GT Gun to Target
GTL Gun – Target Line
GTV Gun Towing Vehicle
GW Guided Weapon

HA Heavy Artillery H/A High Angle

HAA Heavy Anti-Aircraft
HAD Heavy Air Defence
HAG Heavy Artillery Group

HB Hostile Battery
HE High Explosive

HEAT High Explosive - Anti-Tank
HEI High Explosive Incendiary
HEP High Explosive Plastic

HEP-T High Explosive Plastic - Tracer
HERA High Explosive Rocket Assisted
HESH High Explosive – Squash Head
HF Harassing Fire / High Frequency

HFR Height and Range Finder
H & I Harassing and Interdiction Fire

HOB Height of Burst HOR Head of Regiment

How Howitzer

HP Hydro Pneumatic / Horizontal Plane

HQ Headquarters

hr Hour
Ht Height
HV High Velocity

HVAP High Velocity Armour Piercing HVFC High Velocity Full Charge

Hvy Heavy

IA Immediate Action

IADS Integrated Air Defence System
ICC Information Coordination Centre
ICV Individual Compass Variation
ICE Individual Compass Error

IDF Indirect Fire
IDFU Indirect Fire Unit
IG Instructor-in-Gunnery

Illum Illumination
INCREP Incident Report
Int Intelligence

INTREP Intelligence Report
INTSUM Intelligence Summary
IO Intelligence Officer

IPB Intelligence preparation of the Battlefield
ISGC Intercommunication Set Gun Control
ISR Intelligence, Surveillance Reconnaissance

ISTAR Intelligence, Surveillance, Target Acquisition and Reconnaissance

ISTAREW Intelligence, Surveillance, Target Acquisition Reconnaissance Electronic Warfare

JACC Joint Airspace Control Centre JAOC Joint Air Operations Centre JAOP Joint Air Operations Plan

JFECC Joint Fires and Effects Coordination Centre

JFO Joint Forward Observer JFT Joint Fires Team JHQ Joint Headquarters

JOST Joint Offensive Support Team

JOSTCC Joint Offensive Support Team Coordination Centre

JTAC Joint Terminal Air Controller

L/A Low Angle LAA Light Anti-Aircraft

LAACC Light Anti-Aircraft Control Centre

LAAG Light Anti-Aircraft Gun

LAD Light Aid Detachment / Light Air Defence

LASER Light Amplification by Stimulated Emission of Radiation

LASO Launch Area Safety Officer

Lat Latitude

LBDR Lance Bombardier

LBM Lever Breech Mechanism

LCMR Lightweight Counter Mortar Radar

L of D
Line of Departure
LDA
Launch Danger Area
LDP
Launcher Data Processor
LFH
Light Field Howitzer
LFX
Live Firing Exercise

LGSC Long Gunnery Staff Course

Line GT Line Gun-to-Target
Line OT Line Observer-to-Target
LLAD Low Level Air Defence
LN Met(eorology) Line Number

LO Liaison Officer

LOC Lines of Communication / Location / Locating

Loc Btv Location Batterv

LOCFIX Location Fixation Request

LOCREP Locating Report
LOCSTAT Location Statement
L of S Line of Sight

LRF Laser Range Finder

LRWE Long Range Weapons Establishment LRWO Long Range Weapons Organization

Lt Light

LTSDT Line to Shoot-Down-To

LU Launcher Unit

LWR Line of Weapon Release

LZ Landing Zone

MA Maintenance Area / Magnetic Angle MACS Modular Artillery Charge System

MAINTDEM Maintenance Demand Mean Deviation MDA Muzzle Danger Area

Mdm Medium

MDP Meteorological Datum Plane

MET Meteorology

MFC Mobile Fire Controller / Mortar Fire Controller

MFDC Mortar Fire Direction Centre

MG Master Gunner

Mk Mark

ML Muzzle-Loading

Mor Mortar

MORTREP Mortaring Report
MOV CLK Movements Clerk
MPB Mortar Base Plate
MPB Mean Point of Burst
MPI Mean Point of Impact
MR Map Reference

MRS Multiple Rocket System
M/S Metres per Second
MSD Minimum Safe Distance

MSFS Minimum Safe Fuze Setting Msl Missile

Msn Mission
MT Mechanical Time
MTF Mechanical Time Fuze

MV Muzzle Velocity

MVMD Muzzle Velocity Measuring Device

NBC Nuclear, Biological and Chemical NBLO Naval Bombardment Liaison Officer

NBSD Normal Burst Safety Distance NCO Non-Commissioned Officer NDP Night Defensive Position

NFA No Fire Area
NFS Naval Fire Support

NFSO Naval Fire Support Officer

NGSLO Naval Fire Support Liaison Officer

NGS Naval Gunfire Support NMB No Move Before

NR Non-rigidity of Trajectory NSD Normal Safe Distance

OAS Offensive Air Support OC Officer Commanding

OCF Operations Confidence Facility
OFC Operational Fire Controller
OFOF Orders for Opening Fire

OIC Officer-in-Charge

OME Ordnance Mechanical Engineer

OP **Observation Post**

Op Operator

Observation Post Assistant OPA Observation Post Officer OPO OPCOM Operational Command OPCON **Operational Control Operator Command Post** OPCP

Operator Command Post (Field) OPCP FD

Operation Orders Op Orders OPS Operations

Operations Officer OPSO OPDEM Operational Demand

Order of Battle ORBAT OS Offensive Support OT Observer to Target

PΑ **Primary Arc**

Position and Azimuth Determining System **PADS**

PC **Provisionally Condemned**

PD Point Detonating

Pdr Pounder

PDS Position Determining System

Probable error pe

Preferred Engagement Arc PEA

Portable Excalibur Fire Control System **PEFCS**

Probable Error for Range PEr

P&EE Proof and Experimental Establishment

PF Position Finder PFA Permitted Fire Area PGK Precision Guidance Kit PGM **Precision Guided Munition**

PH Pack Howitzer

Predicted Horizontal Range PHR

Predicted Line PL

PLU Programme Loading Unit

PO **Plotting Officer** POA Point of Aim Point of Entry POE

Petrol, Oils and Lubricants / Petroleum, Oils and Lubricants POL

PPI Plan Position Indicator PPS Precise Position System

PR **Predicted Range**

Pounds per Square Inch psi

Portable Surveillance Target Acquisition Radar – Extended Range PSTAR-ER

PSU Power Supply Unit

Physical Training Instructor PTI

PΖ Pick-up Zone

QΕ Quadrant Elevation Quick Firing QF

QFC

Quadrant Fire Control

QM Quartermaster

RAA Royal Regiment of Australian Artillery RAA (M) Royal Australian Artillery (Militia)

RAEME Royal Australian Electrical and Mechanical Engineers RAFA Royal Australian Field Artillery
RAGA Royal Australian Garrison Artillery

RAP Rocket Assisted Projectile

RAT Record as Target

RBAA Reserve Brigade Australian Artillery

RBL Rifled Breech Loading
RBS Robotic Bofors System

RBSD Reduced Burst Safety Distance

RCL Recoilless

RCO Range Conducting Officer
RCP Regimental Command Post
RCS Rapier Control System

Rd Round RDR Radar

Rds C Rounds Complete

RDX Research Department Formula X

Regn Registration Rdy Ready

RECON Reconnaissance (also known as: RECCE)

Regt Regiment

Regt Net Regimental (radio) Network

Rel Pt Release Point
RF Radio Frequency
R/F Range Finder
RFU Rapier Fire Units

Rge Range

RHQ Regimental Headquarters

RI Range Indicator

RISTA Reconnaissance, Intelligence, Surveillance and Target Acquisition

RL Rocket Launcher
RLO Range Liaison Officer
RMG Regimental Master Gunner
RML Rifled Muzzle Loading
RMO Regimental Medical Officer
RMV Reduced Muzzle Velocity

RO Routine Orders / Reference Object ROBC Regimental Officer Basic Course

ROE Rules of Engagement

ROF Rate of Fire
rpg Rounds per Gun
RO Reference Object
ROE Rules of Engagement

ROF Rate of Fire

ROG Regimental Officers' Gunnery Course

ROT Rotation of the Earth RP Registration Point rpm Rounds per Minute

rpgpm Rounds per Gun per Minute

Rpt Repeat

RQMS Regimental Quartermaster-Sergeant

RSD Reduced Safe Distance
RSM Regimental Sergeant-Major
RSO Regimental Survey Officer
RT Range Table / Radio Telegraphy
RTO Regimental Transport Officer

RV Rendezvous

SAGW Surface to Air Guided Weapon

SAM Surface-to-Air Missile
SAP Semi-Armour Piercing
SB Smooth Bore / Siege Battery

SBLO Senior Bombardment Liaison Officer

SBML Smooth Bore Muzzle Loading

SBMM Standard Ballistic Meteorological Message

SC Shaped Charge

SCAO Shelling Connection Activity Overlay

SCP Survey Control Point

SCRA Staff Captain, Royal Artillery (the term was also used in the Royal Australian Artillery)

SD Safe Distance

SDP Surveillance Data Processor SEAD Suppression of Enemy Air Defence

Sect Section

Sect Cmdr Section Commander SFCP Shore Fire Control Party

SHELLREP Shelling Report

SHMA Suspected Hostile Mortar Area

SI Senior Instructor

SIG Signaller
SIM Simultaneous
SITREP Situation Report
SL Search Light
SLC Searchlight Control

SMArt (155) Sensor-fuzed Munition for Artillery (155mm)

SME Subject Matter Expert

SMIG Sergeant-Major Instructor-in-Gunnery

SMK Smoke

SO Standing Orders

SOIs Signal Operation Instructions
SOP Standing Operational Procedure

S of A School of Artillery

SOB Staff Officer Bombardment
SOIs Standard Operating Instructions

SORA Staff Officer Royal Artillery (the term also used in the Royal Australian Artillery)

SOS Emergency Fire Task

SP Self-propelled

SPHR Standard Predicted Horizontal Range

Spt Support SQ Super Quick

SQVT Super Quick – Variable Time SR Sound Ranging (see: SRg) SRC Survey Report Centre

SRCP Sound Ranging Command Post SRG Surveillance and Response Group

SRg Sound Ranging (see: SR)
SRP Survey Reference Point
SRR Surveillance Radar Receiver
SSC Sector Searchlight Commander

SSD Safe Splinter Distance SSF Standard Safety Factor ST(L) Service Target (Land)

STA Surveillance and Target Acquisition

STAMET Safe Target Area Adjusted for Meteorological Conditions

S to S Surface to Surface

SU Station Unit

SUD Setting-up Data

Svy Survey Svy Tp Survey Troop

TΑ **Target Acquisition TAC** Tactical Air Controller

TaCCS Tactical Command and Control System

TACHHQ Tactical Headquarters

TAOR Tactical Area of Responsibility

Technical Assistant – Royal Artillery (the term was also used in the Royal Australian Artillery) TARA

TBI **Target Bearing Indicator**

TC Troop Commander (see: Tp Cmdr) / Terminate Control

Troop Command Post TCP Tactical Control radar TCR

Target Damage Analysis / Trajectory Danger Area TDA

TE Tangent Elevation

TFAIO Task Force Artillery Intelligence Officer

Table Fire Direction **TFD** TFT Tabular Firing Tables

Tgt / TGT Target Tank Attack TKA **TNT** Trinitrotoluene

Target Nomination List TNL

TOF Time of Flight TOT Time-on-Target TΡ **Target Practice**

Troop ďΤ

UXO

Tp Cmdr **Troop Commander** Troop Leader Tp Ldr

TPT Transport

TPU Tracker Processing Unit TPP Time Past a Point TSM Troop Sergeant-Major **TTBR** Time to be Ready Telegraph Terminal Unit

TTU Second-in-Command 2IC

Tactical Unmanned Aerial System **TUAS**

Unexploded Ordnance

UAS Unmanned Aerial System

Unmanned Aerial Vehicle / Uninhabited Aerial Vehicle UAV

UEO Unit Emplaning Officer Unit Fire Officer UFO UHF Ultra High Frequency Un-serviceable U/S **Unexploded Bomb** UXB

VA Vertical Angle VCP Vehicle Check Point VHF Very High Frequency VM Vehicle Mechanic VOD Velocity of Detonation VΡ Vulnerable Point VT Variable time

WAVES Wireless Audio Visual Emergency System Network

WFZ Weapons Free Zone WKSP Workshops WL Wagon Lines

WLO Wagon Lines Officer
WLR Weapons Locating Radar

Wng Warning WNGO Warning Order

WOG Warrant Officer Gunnery Course

WP White Phosphorus

WPN Weapon

WRE Weapons Research Establishment

YO Young Officer (ie. Young Officers' Course – later referred to as: Regimental Officer Basic Course)

References

References include the following:

- * AT Vol III Pam 1 Ballistics and Ammunition
- * AT Vol III Pam 1A Ordnance, Carriages and Mountings
- * AT Vol III Pam 1B Ballistics and Technical Aspects of Field Artillery
- * RAA Training Notes Vol 3 Field Artillery Pam 2 Gun Regiments Duties in Action
- * Gun Drill Howitzer, Pack, 105mm L5 (Aust)
- Firing Tables for Gun-Equipment 105mm L5
- * The Illustrated Encyclopedia of Ammunition (Ian Hogg)
- * The Illustrated Encyclopedia of Artillery (Ian Hogg)
- * Brassey's Artillery of the World (Shelford Bidwell, Brian Blunt, Tolley Taylor)
- * Artillery of the World (Christopher Foss)
- RAA Standing Operating Procedures in Vietnam