

CHAPTER 2

ABBREVIATIONS USED IN R&M WORK

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1 INTRODUCTION

1.1 This Chapter provides list of abbreviations used in this manual and equivalents found elsewhere. They are listed in alphabetical order. Definitions of many of the more unusual terms, and discussions of terms where ambiguity exists, are provided in PtACh3.

1.2 Further guidance can be found in Def-Stan 00-49 and the other standards listed in Leaflet 0 to PtACh3.

2 ABBREVIATIONS

AMS	Acquisition Management System (see AOF)
AMSAA	Army Material Systems Analysis Activity
Ao	Operational Availability
AOF	Acquisition Operating Framework
ARM	Availability, Reliability and Maintainability
ARMP	Allied Reliability and Maintainability Publications
BFM	Battle Field Mission
CADMID	Concept, Assessment, Demonstration, Manufacture, In-Service, Disposal
CDRL	Contract Data Requirements List
CFA	Contract for Availability
CLS	Contractor Logistic Support
COEIA	Combined Operational Effectiveness Investment Appraisal
CONEMP	Concept of Employment
CONOPS	Concept of Operation
CONUSE	Concept of Use
COO	Cost of Ownership
COTS	Commercial Off The Shelf
CSA	Customer Support Agreement
CWG	Capability Working Group
DE&S	Defence Equipment and Support
DEC	Director Equipment Capability
Def Stan	Defence Standard
DEFCON	Defence Conditions
DID	Data Input Description
DRACAS	Data Recording and Corrective Action System

DSTL	Defence Science and Technology Laboratory
ESM	Equipment Support Manager
FMEA	Failure Mode and Effects Analysis
FMECA	Failure Mode Effect and Criticality Analysis
FTA	Fault Tree Analysis
GR-77	Applied R&M Manual for Defence Systems
HUMS	Health Usage Monitoring System
IAB	Investment Approvals Board
ILS	Integrated Logistic Support
ILSM	Integrated Logistics Support Manager
IPR	Intellectual Property Rights
IPT	Integrated Project Team
IPTL	Integrated Project Team leader
ISC	Incident Sentencing Committee
ISD	In-Service Date
ISMD	In-Service Maintainability Demonstration
ISR&MD	In-Service Reliability and Maintainability Demonstration
ISRD	In-Service Reliability Demonstration
IT	Information Technology
ITEAP	Integrated Test and Evaluation Plan
ITT	Invitation To Tender
KUR	Key User Requirement
LCC	Life Cycle Costs
LSA	Logistic Support Analysis
LSAR	Logistic Support Analysis Record
MDAL	Master Data and Assumptions List
MoD	Ministry of Defence
MOTS	Military Of The Shelf Modified Off The Shelf
MTTR	Mean Time To Restore Mean Time To Replace

	Mean Time To Repair [*]
NATO	North Atlantic Treaty Organisation
OTS	Off The Shelf
PFI	Public Finance Initiative
PID	Probability Impact Diagram
PM	Project Manager
PPP	Public Private Partnership
PSA	Potential Scenario Analysis
R&M [†]	Reliability and Maintainability
RAF	Royal Air Force
RAM	as ARM
RAM-4	Reliability, Availability, Maintainability (Model)
RBD	Reliability Block Diagram
RCM	Reliability Centred Maintenance
RDT	Reliability Demonstration Trial
RGT	Reliability Growth Trial
RM	Requirements Manager
RMA	as ARM
RN	Royal Navy
RQT	Reliability Qualification Trial
SAM	System Availability Model
SaRS	Safety and Reliability Society
SIL	Safety Integrity Level
SME	Subject Matter Expert
SOW	Statement of Work
SRD	System Requirements Document
SSE	Support Solution Envelope
SWE	Shared Working Environment
TL	Through Life
TLC	Through Life Cost(s)

^{*} The use of MTTR to stand for Mean Time To Repair is described in BS 4778. In practice MTTR has often been used with no local definition. This leaves ambiguity. It is recommended that the terms used are precisely defined in meaning and scope

[†] R&M is a generic term which embraces the qualities of Availability, Reliability, Maintainability, Durability, RCM and Testability.

TLMP	Through Life Management Plan
TOR	Terms of Reference
TRL	Technical Readiness Level
URD	User Requirement Document
WLC	Whole Life Cost(s)
w.r.t.	with respect to

