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## LIST OF ABBREVIATIONS

ABL : Allocated Baseline

ADM : Advanced Development Model

AIDS : Acquired Immunodeficiency Syndrome

ANC : African National Congress

AoS : Arms of Service

APM : British Association of Project Managers

AWOL : Absent Without Leave
BoK : Body of Knowledge

C JOps : Chief of Joint Operations C SANDF : Chief of the SANDF

Ch : Chapter

CI : Configuration Item

CM : Configuration Management

CORE : Code of Remuneration

COSATU : Congress of South African Trade Unions

COTS : Commercial off-the-Shelf

CSCI : Computer software configuration items

CSIR : Council for Scientific and Industrial Research

D APD : Departmental Acquisition and Procurement Division

D Level : Depot Level

DACST : Department of Arts, Culture, Science and Technology

DEA : Drug Enforcement Agency

DERI : Defence Evaluation and Research Institute

DoD : Department of Defence

DRC : Democratic Republic of the Congo

DRDB : Defence Research and Development Board

ECSA : Engineering Council of South Africa
EDM : Engineering Development Models
EIA : Electronic Industries Alliance

ETF : Engineering Technical Family

EW : Electronic Warfare
FBL : Functional Baseline

FDI : Foreign Direct Investment

FRELIMO : Frente para a Libertação de Moçambique (Front for the Liberation of Mozambique)

GDP : Gross Domestic Product
GNP : Gross National Product
GPS : Global Positioning System
HOUS : Higher Order User Systems

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HQ : Headquarters

HUMS : Health and Usage Monitoring Systems

I Level : Intermediate Level

ICT : Information and Communications Technology

IDS : Item Development Specifications

IEEE : Institute of Electrical and Electronic Engineers

ILS : Integrated Logistic SupportIPS : Item Product SpecificationsIT : Information Technology

JHOUS : Joint Higher Order User System

JSCD : Joint Standing Committee on Defence

LCC : Life cycle Costs

LCD : Lesotho Congress of Democracy

LRU : Line Replaceable Units
LSA : Logistic Support Analysis
LSP : Logistics Support Plan
MBL : Manufacturing Baseline
MoD : Ministry of Defence

MTBF : Mean Time Between Failures
NCO : Non-commissioned Officer

NPV : Net Present Value
O Level : Organisational Level

OAU : Organisation for African Unity

OBL : Operating Baseline

OEM : Original Equipment Manufacturer

PBL : Product Baseline

PEST : Political, Economic, Socio-cultural and Technological factors

PMBOK : Project Management Body of Knowledge

PMC : Personnel Management Code
PMI : Project Management Institute

PPM : Pre-Production Models

PSE : Products Systems Engineering
PSM : Products System Manager
R & D : Research and Development
RBL : Requirements Baseline

RENAMO : Resistencia Nacional Moçambicana

ROC : Required Operational Capabilities

RSA : Republic of South Africa

SAAF : SA Air Force

SACP : SA Communist Party

SADC : Southern African Development Community

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SADF : SA Defence Force

SAM : Surface to Air Missiles

SAMHS : SA Military Health Services

SAN : SA Navy

SANDF : South African National Defence Force

SAPS : SA Police Services SARB : SA Reserve Bank

SECI : Socialisation, Externalisation, Combination and Internalisation

SEMP : Systems Engineering Management Plan

SEP : Systems Engineering Process

SET : Science, Engineering and Technology

SETIs : Science, Engineering and Technology Institutes

SOP : Standard Operating Procedure

SOW : Statement of Work

TPM : Technical Performance Measures

TyF : Type Formation
UK : United Kingdom

UMIST : University of Manchester Institute for Science and Technology

URS : User Requirement Statement
US : United States (of America)
USA : United States of America
USM : User Systems Manager
WBS : Work Breakdown Structure

XDM : Exploratory Development Model

ZANU(PF) : Zimbabwe African National Union (Patriotic Front)