



Issue/topic not starting with 'LSST' nor
'a', 'the'

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Abstract

This Note is about the important topic.

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1 Introduction

This is the most basic template for a technical note.

1.1 Objectives

What is the context and motivation for this technical note.

1.2 Applicable Documents

When applicable documents change a change may be required in this document. The applicable documents are listed here for clarity - the full reference is below in Section 1.3. This should be a relatively short list in most cases, and for technical notes may not be needed at all.

WOM-018 DPAC Software System Specification
? Software Development Plan for DM

1.3 References

[WOM-018], leaders CU1, D.C., 2012, *DPAC Software and System Specification*,
GAIA-C1-SP-DPAC-WOM-018,
URL <http://www.rssd.esa.int/cs/livelink/open/2786798>

[WOM-011], O'Mullane, W., Hoar, J., Levoir, T., et al., 2011, *Software Engineering Guidelines for DPAC*,
GAIA-C1-UG-ESAC-WOM-011,
URL <http://www.rssd.esa.int/cs/livelink/open/2760364>

Note the use of `gaia_aa` for the bib style. This allows the use of `citell` in place of `cite` for livelink docs using this put the DOC code as the ref rather than a number or author/year e.g. WOM-011. Other paper citations should just use `cite` and will come out AA style e.g. `?`.

1.4 Definitions

1.5 Acronyms

The following is a complete list of acronyms used in this document. The following table has been generated from the on-line Gaia acronym list:

Acronym	Description
AGIS	Astrometric Global Iterative Solution
AO	Announcement of Opportunity
AS	Adjacent Sample
ATP	Automatic Test Procedure
AUT	AUTomated
CCB	Configuration Control Board
CDR	Critical Design Review
CIL	Critical Items List
CM	Calibration Model
CN	Change Notice
CNES	Centre National d'Etudes Spatiales (France)
COTS	Commercial-Off-The-Shelf
CPU	Central Processing Unit
CRB	Change Review Board
CRR	Command Request Response
CSV	Comma-Separated Value (database output format, e.g., for MS Excel)
CU	Coordination Unit (in DPAC)
DB	DataBase
DDP	Delivered Duty Paid
DOC	Department of Commerce (USA)
DPAC	Data Processing and Analysis Consortium
DPC	Data Processing Centre
DPCE	Data Processing Centre ESAC
DPCG	Data Processing Centre (ObsGE/ISDC) Geneva
DU	Development Unit (in DPAC)
ECSS	European Cooperation for Space Standardisation
ESA	European Space Agency
ESAC	European Space Astronomy Centre (VilSpa)
FL	First Look
FLOP	FLoating-point OPeration
FTE	Full-Time Equivalent
GAIA	Global Astrometric Interferometer for Astrophysics (obsolete; now spelled as Gaia)
GWP	Gaia Work Package
HW	Hardware (also denoted H/W)
ICD	Interface Control Document
ID	Identifier (Identification)
IDT	Initial Data Treatment (Image Dissector Tube in Hipparcos scope)
ISO	International Organisation for Standardisation (Geneva, Switzerland)
IT	Information Technology

JD	Julian Date
JDK	Java Development Kit
LaTeX	(Leslie) Lamport TeX (document markup language and document preparation system)
MAN	MANual
MDB	Main DataBase
OF	Object Feature (source packet)
OSG	Operations Steering Group
PA	Product Assurance
PAP	Product Assurance Plan
PDR	Preliminary Design Review
PO	Partial Observation (of object in AF)
PPN	Parametrised Post-Newtonian (formalism in General Relativity)
PR	Progress Report
QA	Quality Assurance
RAM	Random Access Memory
SADT	Structured (System) Analysis and Design Technique
SCI	Schedule-Critical Item
SCMP	Software Configuration Management Plan
SDD	Software Design Document
SDP	Supplementary Data Pattern
SGS	Science Ground Segment
SOC	System On a Chip
SP	SPecification
SPR	Software Problem Report
SRR	System Requirements Review
SRS	Software Requirements Specification
SSS	System Software Specification
STP	Software Test Plan
STR	Software Test Report
STS	Software Testing Specification
SUM	Software User Manual
SVN	SubVersioN
SVTP	Software Verification Test Plan
SW	Software
TN	Technical Note
TRB	Test Review Board
TRR	Test Readiness Review
UML	Unified Modeling Language
URL	Uniform Resource Locator
VV	Verification and Validation

WBS	Work Breakdown Structure
WP	Work Package

2 The rest of the document

Equations are easy in tex see (1). vec has been redefined.

$$\boldsymbol{V} = V_0, V_1 \dots V_n \tag{1}$$