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Issue	Date	Page	Description Of Change	Comment
0.1	23/12/12	All	First issue	
0.2	26/12/12	All	Add missing acronyms	
0.3	27/12/12	All	Add missing acronyms	
0.4	28/12/12	All	Add missing acronyms	
0.5	28/12/12	All	Completion and release of the first Euclid Consortium Acronym list.	
0.6	01/01/13	All	Add missing acronyms; corrections.	
1.0	17/01/13	All	Add new acronyms; corrections. Renamed/Renumbered with ESA convention	Previously EUCL-IAP-EUC-LI-00451 Issue 1.2
1.1	20/01/13	All	Add missing acronyms. Correction typos.	
1.2	21/01/13	All	Add missing acronyms. Correction typos.	
1.3	25/01/13	All	Add missing/correct acronyms.	
1.4	09/02/13	All	Add missing and new acronyms Correct typos	
1.5	21/02/13	All	Add new acronyms	
1.6	25/02/13	All	Add new acronyms. Correct typos	
1.7	27/01/13	All	Add new acronyms	
1.8	29/03/13	All	Add new acronyms	
1.9	13/04/13	All	Add new acronyms. Correct typos.	
2.0	04/05/13	All	Important acronym list added. Correct typos and order.	
2.01	08Dec2013	All	Add new acronyms. Correct typos.	
2.02	28Feb2014	All	Add new acronyms.	

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1. **Purpose and Scope**

The document provides a comprehensive list of acronyms definition used in the Euclid project that can be found in any Euclid Consortium or Euclid ESA documents or notes.

The list is a selection of acronyms made in a Euclid Consortium perspective. However it aims at being as exhaustive and broad as possible in order to help any scientific, technical, administrative or management support personnel working at ESA, in the Euclid Consortium or in Industry who may not be familiar with all the Euclid jargon.

The list will be made available to everyone on the Euclid web site <http://www.euclid-ec.org> (internal EC) and on the RSSD LiveLink (Euclid/Euclid Consortium/Consortium Level/Management/) and ESA ECLISPE, and regularly updated. Missing or new acronyms can be sent to and will be added by mellier@iap.fr at any time.

2. Acronyms List

2dF	Two Degree Field
2MASS	Two Micron All Sky Survey
4MOST	4-meter Multi Object Spectroscopic Telescope
A&A	Authentication and Authorization
ABCL	As Build Configuration List
ACRD	Additional Cosmology Requirements Document
ACS	Advanced Camera for Survey
AD	Applicable Document
ADC	Analog to Digital Converter
ADD	Architectural Design Review
ADU	Analog to Digital Unit
AEGIS	All-wavelength Extended Groth strip International Survey
AGB	Asymptotic Giant Branch
AGES	AGN and Galaxy Evolution Survey
AGN	Active Galactic Nuclei
AifA	Argelander-Institut für Astronomie
AIM	Action Items Manager
Airbus DS	Airbus Defence and Space (Ex-Astrium)
AIT	Assembly Integration and Testing
AIV	Assembly Integration and Verification
ALMA	Atacama Large Millimetre/Submillimetre Array
AMR	Adaptive Mesh Refinement
ANNz	Artificial Neural Network for photo-z measurement (photometric redshift measurement method)
AO	Announcement of Opportunity
AOCS	Attitude and Orbit Control System
APE	Absolute Pointing Error
API	Application Programming Interface
AR	Acceptance Review (instruments)
AR	Anti-Reflection
APC	laboratoire AstroParticule et Cosmologie
APID	Application Process ID
ASFT	AStrium France Toulouse
ASI	Agenzia Spaziale Italiana
ASIC	Application Specific Integrated Circuit
AST	EADS AStrium (Currently Airbus Defence and Space, Airbus DS)
ATB	Agency Technology Transfer Board
ATC	Astronomy Technology Centre
AVM	AVionic Model
AWG	(ESA) Astronomy Working Group
aXe	Software package for extraction of spectra from HST grism observations

B-mode	Non-lensing signal in gravitational shear analysis – Curl term “B” from analogy with Electromagnetic signal
BAO	Baryonic Acoustic Oscillations
BASSICC	BAO SimulationS at the Institute for Computational Cosmology
BBM	Bread Board Model
BBN	Big Bang Nucleosynthesis
BCN	Barcelona (consortium of institution in Barcelona for the FWA)
BOL	Beginning Of Life
BOSS	Baryon Oscillation Spectroscopic Survey
BPZ	Bayesian Photo-Z (photometric redshift measurement method)
BSP	Board Support Package
BSS	Bottom Support Structure (NI-DS)
CAAUL	Centro de Astronomia e Astrophysica da Universidade de Lisboa
CaC	Cost at Completion
CAD	Computer Aided Design
CADC	Canadian Astronomy Data Center
CaLA	Camera Lens Assembly
CalCD-A	Calibration Concept Document Part A
CalCD-B	Calibration Concept Document Part B
CalWG	(Euclid) Calibration Working Group
CAUP	Centro de Astrofisica da Universidade do Porto
CBE	Current Best Estimate
CBS	Cost Breakdown Structure
CCB	Change Control Board
CCB	Configuration Control Board
CCD	Charge Coupled Device
CCDWG	(Euclid) CCD Working Group
CCIN2P3	Centre de Calcul de l'IN2P3
CCN	Contract Change Note
CCSDS	Consultative Committee for Space Data System
CDE	Coupled Dark Energy
CDF	Concurrent Design Facility
CDM	Cold Dark Matter
CDMS	Command and Data Management System
CDMU	Command and Data Management Unit
CDPU	Control and Data Processing Unit
CDR	Critical Design Review
CDS	Centre de Données astronomiques de Strasbourg
CE	Conducted Emission
CEA	Commissariat à l'Energie Atomique
CERN	Centre Européen pour la Recherche Nucléaire – European Organisation for Nuclear Research
CFE	Customer Furnished Equipment
CFHT	Canada-France-Hawaii Telescope

CFHTLenS	Canada-France-Hawaii Telescope Lensing Survey
CFHTLS	Canada-France-Hawaii Telescope Legacy Survey
CFI	Customer Furnished Items
CFRP	Carbon Fiber Reinforced Plastic
CI	Configuration Item
CIB	Cosmic Infrared Background
CIDL	Configuration Item Data Lists
CIL	Configuration Item List
CL	CLusters of galaxies
CL	Confidence Level
CL	Corrector Lens
CLA	Coupled Load analysis
CM	Configuration Management
CM	Common Mode
CM	Cryo Mechanism
CMB	Cosmic Microwave Background
CMP	Configuration Management Plan
CMU	Compensating Mechanism Unit (=NI-CMU)
CMD	Command
CMOS	Complementary Metal Oxide Silicon
CMRR	Common Mode Rejection Ratio
CNES	Centre National d'Etudes Spatiales (France)
CNRS	Centre National de la Recherche Scientifique
COG	Center Of Gravity
CoLA	Corrector Lens Assembly
COM	COMmunication (EC communication group)
COMBO-17	Classifying Objects by Medium Band Observations (17 filters)
COSMOS	COSMOlogical evolution Survey
COTS	Commercial Off-The-Shelf
CPPM	Centre de Physique des Particules de Marseille
CPU	Central Processing Unit
CPV	Commissioning and Performance Verification
CR	Change Request
CR	Cosmic Ray
CRB	Change Review Board
CRC	Cyclic Redundancy Check
CS	Conducted Susceptibility
CSA	Canadian Space Agency
CSIC	CSIC
CSL	Centre Spatial de Liège
CSRD	Cosmological Simulations Requirements Document
CSS	Cold Support Structure (of NI-DS)

CTE	Charge Transfer Efficiency
CTE	Coefficient of Thermal Expansion
CTI	Charge Transfer Inefficiency
CU	Calibration Unit
CUS	Common Uplink System
CV	Cosmic Vision
CVS	Concurrent Version System
DAC	Digital to Analog Converter
DARK	DARK Cosmology Centre (Denmark)
DB	Data Base
DC	Direct Current
DCCM	Document Configuration and Change Management
DCU	Detector Control Unit
DDD	Detailed Design Document
DDL	Deliverable Document List (Document Delivery List)
DDS	Data Distribution System
DDS	Digital Data Storage
DDV	Design, Development and Verification
DE	Dark Energy
DEC	DEClination
DeM	Demonstration Model
DES	Dark Energy Survey
DESC	Dark Energy Science Collaboration
DESI	Dark Energy Spectroscopic Instrument
DETF	NASA Dark Energy Task Force
DGP	Dvali, Gabadadze, Porrati model
DHS	Data Handling System
DIT	Detector Integration Time
DJF	Design Justification File
DLL	Design Limit Loads
DLR	Deutsches zentrum für Luft- und Raumfahrt (Germany)
DM	Dark Matter
DM	Data Model
DM	Development Model
DM	Differential Mode
DMGSR	Development Model and Ground Support Equipment Requirements
DMS	Data Management System
DOE	Department of Energy
DoF	Degree of Freedom
DP	Data Processing
DPRD	Data Processing Requirements Document
DPRR	Data Processing Readiness Review

DPU	Data Processing Unit
DQ	Data Quality
DQE	Detected Quantum Efficiency
DQM	Data Quality Mining
DQR	Daily Quality Report
DQE	Detective Quantum Efficiency
DR	Data Release
DRB	Delivery Review Board
DRD	Document Requirements Descriptions
DRD	Document Review Description
DRL	Document Requirements List
DS	Deep Survey
DS	Detection System
DTCP	Daily Telemetry Communications Period
DTA	Damage Threat Assessment
DTU	Denmark Tekniske Universitet
DUNE	Dark UNiverse Explorer
DWG	Detector Working Group
E2E	End-to-End
EAC	Estimate At Completion
EACL	Euclid Advisory and Coordination Support Lead
EACS	Euclid Archive Core System
EADP	Euclid Archive Development Plan
EAITM	Electrical AIT Manager
EAITO	Electrical AIT Operator
EAS	Euclid Archive System
EAZY	Easy and Accurate Z from Yale (photometric redshift measurement)
EC	Euclid Consortium (=EMC)
ECA	Euclid Contributing Agency
ECB	Euclid Consortium Board
ECC	Euclid Consortium Communication
ECC	Error Correcting Code
ECCG	Euclid Consortium Coordination Group
ECEB	Euclid Consortium Editorial Board
ECL	Euclid Consortium Lead
ECMC	Euclid Consortium Membership Committee
ECP	Engineering Change Proposal
ECPG	Euclid Consortium Publication Group
ECR	Engineering Change Request
ECSGS/ EC-SGS	Euclid Consortium Science Ground Segment
ECSURV	Euclid Consortium SURVey group
ECSS	European Cooperation for Space Standardization



Euclid Consortium Acronyms List

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EDF	Euclid Deep Field
EDFN	Euclid Deep Field North
EDFS	Euclid Deep Field South
EGI	European Grid Initiative
EGSE	Electrical Ground Support Equipment
EE	Encircled Energy
EE	End-to-End tests
EEE	Electrical, Electronic, and Electromechanical
E-ELT	European Extremely Large Telescope
EEPROM	Electrically Erasable Programmable Read-Only Memory
EFE	ESA Furnished Equipment
EGSE	Electrical Ground Support Equipment
EIC	Euclid Imaging Channels
EID-A	Experiment Interface Document Part A
EID-B	Experiment Interface Document Part B
EIDP	End-Item Data Package
EIQT	Euclid Image Quality Tool
EIR	Euclid Instrument Requirement
ELA	Euclid Legacy Archive
ELG	Early Type Galaxy
ELG	Emission Line Galaxy
E-mode	Pure gravitational lensing signal in gravitational shear analysis– Divergence term “E” from analogy with Electromagnetic signal
EM	Electrical Model
EM	Engineering Model
EMA	Euclid Mission Archive
EMC	ElectroMagnetic Compatibility
EMC	Euclid Mission Consortium (=EC)
EMI	ElectroMagnetic Interference
EnEI	non-Euclid Imaging
EO	Earth Observation
EOAT	Euclid Optimization Advisory Team
EOL	End Of Life
EOPS	EPO Scientist
EPER	Extended Pixel Edge Response
EPFL	Ecole Polytechnique Fédérale de Lausanne
E-PLM	Extended PayLoad Model
EPLM	Euclid PayLoad Module
EPO	Education and Public Outreach
EQM	Enginnering and Qualification Model
EROS	Expérience pour la Recherche d’Objets Sombres
eROSITA	Extended Röntgen Survey Imaging Telescope Array
ESA	European Space Agency

ESAC	European Space Astronomy Centre
ESO	European Southern Observatory
ESOC	European Space Operation Centre
ESST	Euclid Science Study Team
ESSWG	Euclid Sky Survey Working Group
EST	Euclid Science Team
ESTEC	ESA's Space research and TEchnology Center
ESVM	Euclid SerVice Module
ETC	Exposure Time Calculator
ETHZ	Eidgenössische Technische Hochschule Zürich
EVLA	Expanded Very Large Array
EWS	Euclid Wide Survey
EZ	Easy-Z (redshift determination)
FA	Funding Agency
FAR	Flight Acceptance Review
F-CDPU	Focal plane Control and Data Processing Unit
FCT	Fundação para a Ciência e a Tecnologia (Portugal)
FDIR	Failure Detection Isolation and Recovery
FE	Front End
FEM	Finite Element Model
FGS	Fine Guidance Sensor
FFG	ForschungsFörderungsGesellschaft (Austria)
FFT	Fast Fourier Transform
FH	Flight Harness
FIR	Far InfraRed
FITS	Flexible Image Transport System
FLRW	Friedmann-Lemaitre-Roberston-Walker
FM	Flight Model
FM1, FM2, FM3	Folding Mirror 1,2,3
FMEA	Failure Mode Effects Analysis
FMECA	Failure Mode Effects and Criticality Analysis
FNRS	Fonds National suisse de la Recherche Scientifique (Switzerland)
FOG	Finger Of God
FOM	Figure Of Merit
FOS	Factor of Safety
FOV	Field Of View
FP	Focal Plane
FP7	(European) 7 th Framework Programme
FPA	Focal Plane Array
FPA	Focal Plane Assembly
FPE	Focal Plane Electronics
FPGA	Field Programmable Gate Array

FPS	Focal Plane Support
F-PSU	Focal plane Power Supply Unit
FPT	Full Performance Test
FRR	Flight Readiness Review
FRW	Friedmann-Robertson-Walker
FS	Flight Spare
FSM	Finite State Machine
FTA	Fault Tree Analysis
FTE	Full Time Equivalent
FW	Flight Wheel
FWA	Filter Wheel Assembly
FWHM	Full Width Half Maximum
GADGET	GAxaxies with Dark matter and Gas intEracT
GALFIT	GALaxy FITing (two dimensional galaxy image decomposition program)
G3L	Galaxy-Galaxy-Galaxy Lensing
GaBoDS	Garching-Bonn Deep Survey
GAMA	Galaxy and Mass Assembly
GC	Galaxy Clustering
GCR	Galactic Cosmic Ray
GC-SWG	Galaxy Clustering Science Working Group
GDIR	General Design & Interface Requirements
GDPRD	Ground Data Processing Requirements Document
GEMS	Galaxy Evolution from Morphology and SED Survey
GEV	Galaxy and AGN Evolution
GFRP	Glass Fiber Reinforced Plastic
GG	(pure) Galaxy-Galaxy lensing signal
GGL	Galaxy-Galaxy Lensing
GI	Gravitational-Intrinsic ellipticity cross-correlations
GIM2D	Galaxy Image 2-Dimension (two dimensional decomposition program)
GMM	Geometrical Mathematical Model
GND	GrouND
GOODS	Great Observatory Origins Deep Survey
Gpc	Gigaparsec
GPGPU	General Purpose Graphical Processing Units
GPL	General Public Licence
GR	General Relativity
GRB	Gamma Ray Burst
GREAT	Gravitational lEnsing Accuracy Testing
GSDR	Ground Segment Design Review
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GSIR	Ground Segment Implementation Review

GSRR	Ground Segment Readiness Review
GUI	Graphical User Interface
GWA	Grism Wheel Assembly
H2RG	HAWAII 2RG - HgCdTe Astronomy Wide Area Infrared Imager 2k2 Resolution, Reference pixels and Guide mode
HAR	Harness
H/K	HouseKeeping
HPC	High Performance Computing
HPCC	High Performance Computing Center
HDF	Hubble Deep Field
HDR	Hardware Design Review
HEALPIX	Hierarchical Equal Area isoLatitude PIXelisation
HETDEX	Hobby-Eberly Telescope Dark Energy Experiment
HGA	High Gain Antenna
HgCdTe	Hg (Mercury) Cadmium Telluride
HK	House-Keepings
HSC	HyperSuprime Camera
HST	Hubble Space Telescope
HW	HardWare (=H/W)
IAC	Instituto de Astrofísica de Canarias
IADC	Inter-Agency space Debris Coordination Committee
IAFR	Instrument Acceptance Flight Review
IAL	Infrastructure Abstraction Layer
IAP	Image Analysis Pipeline
IAP	Institut d'Astrophysique de Paris
IAS	Institut d'Astrophysique Spatiale
IASF	INAF Istituto di Astrofisica Spaziale e Fisica cosmic
IASF-BO	INAF Istituto di Astrofisica Spaziale e Fisica cosmica – Bologna
IASF-MI	INAF Istituto di Astrofisica Spaziale e Fisica cosmica – Milan
IBDR	Instrument Baseline Design Review
IAL	Infrastructure Abstraction Layer
ICA	Independent Component Analysis
ICD	Interface Control Document
ICDR	Instrument Critical Design Review
ICE	Institut de Ciències de l'Espai
ICG	Institute of Cosmology and Gravitation
ICL	Internal Communication Lead
ICM	Intracluster Medium
ICU	Instrument Control Unit
IDT	Instrument Development Team
IEEC	Institut d'Estudis Espacial de Catalunya
I/F, IF	InterFace

IFA	Institute For Astronomy (Edinburgh)
IFAE	Institut de Fisica d'Altes Energies
IFAR	Instrument Flight Acceptance Review
IFSI	Istituto di Fisica della Spazio Interplanetario
IGC	Institute for Gravitation and Cosmology (University of Portsmouth)
IGM	InterGalactic Medium
II	Intrinsic-Intrinsic ellipticity correlations
IICD	Internal Interface Control Document
IIRD	Internal Interface Requirements Document
IL	Instrument Lead
ILS	Independent Legacy Scientist
IM	Interface Module
IMF	Initial Mass Function
IN2P3	Institut National de Physique Nucléaire et de Physique des Particules (CNRS)
INAF	Istituto Nazionale AstroFisica (see also INAF Osservatorio Astronomico =AO* listed below)
ING	Isaac Newton Group (La Palma)
INSU	Institut National des Sciences de l'Univers (CNRS)
I/O	Input Output
IoA	Institute of Astronomy (University of Cambridge)
IOCR	In Orbit Commissioning Review
IOL	Instrument Operation Lead
IOT	Instrument Operation Team
IPAC	Infrared Processing and Analysis Center
IPDR	Instrument Preliminary Design Review
IPNL	Institut de Physique Nucléaire de Lyon
IPQE	IntraPixel Quantum Efficiency
IPRR	Instrument Preliminary Readiness Review
IR	InfraRed
IRAP	Institut de Recherche en Astrophysique et Planétologie
IRAS	InfraRed Astronomical Satellite
IRD	Interface Requirements Document
IQR	Instrument Qualification Review
IRFU	Institut de Recherche sur les lois Fondamentales de l'Univers – CEA
IRR	Instrument Requirement Review
IS	Instrument Scientist
ISDC	Integral Science Data Center (Switzerland)
ISM	Inter Stellar Medium
ISM	Iso-Static Mount
ISO	International Organization for Standardization
ISSR	Instrument System Requirements Review
IST	Inter-SWG Taskforce
ISW	Integrated Sachs Wolfe effect

IW	Instrument Workstation
IT	Information Technology
ITA	Institute of Theoretical Astrophysics (University of Oslo)
ITAR	International Traffic in Arms Regulations
ITN	(Marie Curie) Internal Training Network
IT-Ind	Italian Industry
ITT	Invitation To Tender
IWS	Instrument Work Station
JDEM	Joint Dark Energy Mission
JHU	John Hopkins University
JLP	Jet Propulsion Laboratory
JMU	John Moores University (Liverpool)
JPIP	Joint Project Implementation Plan
JWST	James Webb Space Telescope
KiDS	Kilo Degree Survey
KO	Kick Off
KSB	Kaiser Squires and Broadhurst (shape measurement method)
L1, L2,L3	Level 1, Level2, Level3 Euclid data
L2	Second Lagrange point
LAM	Laboratoire d'Astrophysique de Marseille
LBG	Lyman Break Galaxies
LBL	Lawrence Berkeley national Laboratory
LBT	Large Binocular Telescope
ΛCDM/ΛCDM	Lambda Cold Dark Matter
LDAP	Lightweight Directory Access Protocol
LDPRD	Legacy Data Processing Requirements Document
LED	Light Emitting Diode
LENSFIT	LENS FITing (bayesian shape measurement method)
LEOP	Launch and Early Operations
Le PHARE	PHotometric Analysis for Redshift Estimate (photometric redshift measurement method)
LET	Linear Energy Transfer
LF	Luminosity Function
LFA	Lead Funding Agency
LGPL	Lesser General Public Licence
LHC	Large Hadron Collider
LLD	Launch Lock Device
LLI	Long-Lead Item
LLIF	Long-Lead Item List
LMU	Ludwig Maximilians-Universitt Mnchen
LoA	Letter of Agreement
LOFAR	LOW Frequency Array for Radio astronomy
LoI	Letter of Intent

LOS	Line Of sight
LPNHE	Laboratoire de Physique Nucléaire et de Hautes Energie
LPP	Lightcurve Processing Pipeline
LRD	Legacy Requirements Document
LRG	Luminous Red Galaxy
LRR	Launcher Readiness Review
LSB	Least Significant Bit
LSB	Low Surface Brightness
LSF	Least Square Fit
LSST	Large Synoptic Survey Telescope
LTB	Lemaître-Tolman-Bondi
LTG	Late Type Galaxy
LVDS	Low Voltage Differential Signal
M1,M2,M3	primary, secondary, tertiary Mirrors,
M2M	M2 Mechanism (subsystem)
M2MM	M2M Mechanism (mechanism part)
M&C	Monitoring & Control
MACC	Multi Accumulation Readout
MACHO	Massive Compact Halo Object
MAITM	Mechanical AIT Manager
MAITO	Mechanical AIT Operator
MAP	JPL Mission Assurance Plan
MC	Monte Carlo
MCDR	Mission Critical Design Review
MCMC	Markov Chain Monte Carlo
MCRR	Mission Commissioning Results Review
MCT	Mercury Cadmium Telluride
MDE	M2M Drive Electronics
MF	Mass Function
MFAR	Mission Flight Acceptance Review
MG	Modified Gravity
MGSE	Mechanical Ground Support Equipment
MICD	Mechanical Interface Control Document
MINECO	MINisterio de Economia y COmpetividad Spain
MIPS	Mega Instructions Per Second
MIR	Mid InfaRed
MIRD	Mission Implementation Requirements Document
M/L	Mass-to-Light ratio
MLA	Multi Lateral Agreement
MLI	Multi Layer Insulation
MMU	Mass-Memory Unit
MOC	Mission Operations Centre

MOC	MOlecular Contamination
MOCD-A	Mission Operation Concept Document Part A
MOCD-D	Mission Operation Concept Document Part B
MOGS	Mission Operations Ground Segment
MOI	Moment Of Inertia
MOND	MOdified Newtonian Dynamics
MOONS	Multi-Object Optical and Near-infrared Spectrograph for VLT
MOS	Margin Of Safety
MOS	Multi-Object Spectrograph
MOU	Memorandum Of Understanding
MP	Management Plan
Mpc	Megaparsec
MPDR	Mission Preliminary Design Review
MPE	Max Planck institut für Extraterrestrische physic
MPIA	Max Planck Institut für Astronomie
MPP	Milestone Payment Plan
MPS	Mission Planning System
MRB	Material Review Board
MRD	Mission Requirements Document
MSE	Mirror Surface Error
MSRR	Mission System Requirements Review
MSSL	Mullard Space Science Laboratory
MTD	Mass and Thermal Dummy
MTF	Modulation Transfer Function
MWA	Murchison Wide field Array
N/A	Not Applicable
NAOJ	National Astronomical Observatory of Japan
NASA	National Aeronautic and Space Administration
NBI	Niels Bohr Institute
NC	Non Convolutional
NCR	Non-Conformance Request
NCRB	Non-Conformance Review Board
NCTS	Non-Conformance Tracking System
NDI	Non-Destructive Inspection
NDRO	Non Destructive Readout
NEP	North Ecliptic Pole
NFW	Navarro Frenk and White
NGP	North Galactic Pole
NI-CMS	NI-CMU Simulator
NI-CMT	NI-CMU Test equipment
NI-CMU	NISP Compensation Mechanism Unit
NI-CU	NISP Calibration Unit

NI-CUS	NI-CU Simulator
NI-CUT	NI-CU Test equipment
NID	NISP Interface Document
NI-DCU	NISP Detector Control Unit
NI-DDT	NI-DCU Development model and Test equipment
NI-DIS	NI-DCU/DPU Test equipment I/F Simulator
NI-DIW	NI-DCU/DPU Test equipment Instrument Workstation
NI-DPU	NISP Data Processing Unit
NI-DS	NISP Detection System
NI-DST	NI-DS Test equipment
NI-DTE	NI-DCU/DPU Test equipment
NI-DTS	NI-DS Thermal control Simulator
NI-DTW	NI-DCU/DPU Test equipment control Workstation
NI-EWS	NISP EGSE control WorkStation
NI-FH	NISP Flight Harness
NI-FPA	NISP Focal plane Assembly
NI-FPS	NI-FPA Simulator
NI-FTT	NI-FPA Thermal control Test equipment
NI-FWA	NISP Filter Wheel Assembly
NI-FWA-CR	NISP Filter Wheel Assembly Cryo Mechanism
NI-FWS	NI-FWA Simulator
NI-FWT	NI-FWA Test equipment
NI-GWA	NISP Grism Wheel Assembly
NI-GWA-CR	NISP Grism Wheel Assembly Cry Mechanism
NI-GWS	NI-FWA Simulator
NI-GWT	NI-GWA Test equipment
NI-HSS	NISP HarneSS
NI-HSS-IU	NISP Inter Unit Harness
NI-HSS-TH	NISP Thermal Harness
NI-ICU	NISP Instrument Control Unit
NI-IDS	NI-DPU/DCU Interface Simulator
NI-ISS	NI-ICU S/C I/F Simulator
NI-OA	NISP Optics Assembly
NI-OMA	NISP Opto-Mechanical Assembly
NI-OMADA	NI-OMA and Detector Assembly
NI-OTS	NI-OMA Thermal control Simulator
NIP	Near Infrared Photometer
NIR	Near InfraRed
NIRDWG	(Euclid) Near Infrared Detector Working Group
NIS	Near Infrared Spectrograph
NI-SA	NISP Structure Assembly
NI-SCS	NISP Sensor Chip System

NISP	Near Infrared Spectrometer and Photometer
NI-TC	NISP Thermal Control
NI-ITE	NI-ICU Test equipment
NI-ITW	NI-ICU Test equipment Workstation
NI-IWS	NISP Instrument Workstation
NI-OMS	NI-OMA Simulator
NI-OTS	NI-OMA Thermal control Simulator
NI-SIS	NISP S/C I/F Simulator
NI-SSS	NI-DS Sidecar Support Structure
NI-SST	NI-SCS Test equipment
NI-WE	NISP Warm Electronics
NI-WIS	NI-WE Test equipment S/C I/F Simulator
NI-WIW	NI-WE test equipment Instrument Workstation
NI-WTE	NI-WE Test Equipment
NI-WTW	NI-WE Test equipment control Workstation
NOVA	Nederlandse Onderzoeschool Voor Astronomie The Netherlands
NPM	National Project Manager
NRA	NASA Research Announcement
NRB	Non-conformance Review Board
NSC	Norwegian Space Center (Norway)
NSDC	National Space Science Data Center (NASA)
NSI	National Space Institute (Denmark)
NSF	National Science Foundation
NOW	de Nederlandse organisatie voor Wetenschappelijk Onderzoek
OABr	INAF Osservatorio Astronomico di Brera
OAITM	Optical AIT Manager
OAIO	Optical AIT Operator
OAPd	INAF Osservatorio Astronomico di Padova
OAR	INAF Osservatorio Astronomico di Roma
OAR	Off Axis Rejection
OATo	INAF Osservatorio Astronomico di Torino
OATs	INAF Osservatorio Astronomico di Trieste
OB	Optical Bench
OBSW	On Board SoftWare
OCA	Observatoire de la Côte d'Azur
OCD	Operation Concept Document
OGS	Operations Ground Segment
OGSE	Optical Ground Support Equipment
OM	Operation and Maintenance
OM	Operation Model (pipelines)
ORR	Operations Readiness Review
OSEWG	Operations and System Engineering Working Group

OSTM	Optical and Structural and Thermal Model
OT	Operational Temperature
OTE	Optical Telescope Element
OTS	Off-The-Shelf
OU	Organisation Unit
OU-EXT	Organisation Unit EXternal data
OU-LE3	Organisation Unit LLevel3 data
OU-MER	Organisation Unit MERged data
OU-NIR	Organisation Unit Near InfraRed imaging data
OU-PHZ	Organisation Unit PHoto-Z data
OU-SHE	Organisation Unit SHEar data
OU-SIM	Organisation Unit SIMulation data
OU-SIR	Organisation Unit SPEctral near InfraRed imaging data
OU-SPE	Organisation Unit SPEctral extraction and redshift data
OU-VIS	Organisation Unit VISible imaging data
PA	Product Assurance
PAC	PARTiculate Contamination
PAD	Part Approval Document
PAH	Poly-Aromatic Hydrocarbons
Pan- STARRS	Panoramic Survey Telescope Rapid response System
PAP	Product Assurance Plan
PA/QA	Product Assurance / Quality Assurance
PARD	Product Assurance Requirement Document
PAU	Physics of the Accelerating Universe
PCA	Principal Component Analysis
PCB	Printed Circuit Board
PCDU	Power Conditioning and Distribution Unit
PCE	Photon to electron Conversion Efficiency
PDCU	Power Distribution Control Unit
PDD	Payload Definition Document
PDD	Product Definition Document
PDF	Probability Density Function
PDF	Probability Distribution Function
PDHU	Processing Data Handling Unit
PDR	Preliminary Design Review
PEM	Proximity Electronic Module
PERD	Payload Element Requirements Document
PI	Principal Investigator
PIC	Port d'Informacio Cientifica (Barcelona)
PID	Proportional Integral Derivative
PFCI	Potential Failure Critical Items
PFE	Prime Furnished Equipment

PFM	Proto-Flight Model
PFS	Prime Focus Spectrograph
PHAT	PHoto-z Accuracy Testing
PHOTO-z	PHOTometric redshift
P/L	PayLoad
PLM	PayLoad Module
PLM-RD	PayLoad Module Requirements Document
PM	Progress Meeting
PM	Project Manager
PMCU	Parameters and Mechanism Control Unit
PMCU	Power and Mechanisms Control Unit
PMP	Project Management Plan
PMRD	Project Management Requirements Document
PN	Planetary Nebulae
PO	Project Office
PRACE	PartneRship for Advanced Computing in Europe
PRNU	Photo Response Non-Uniformity
PRNU	Pixel Response Non-Uniformity
PRR	Preliminary Requirements Review
PRODEX	ESA Programme de Développement d'EXpériences scientifiques
PROM	Programmable Read Only Memory
PRTECH	Prototech (Bergen)
PS	Project Scientist
PS1/2	Pan-STARRS-1, Pan-STARRS-2
PSD	Power Spectral Density
PSF	Point Spread Function
PSR	Pre-Ship Review
PSU	Power Supply Unit (ROE VIS)
PT	Product Tree
PV	Performance Verification
QA	Quality Assurance
QAITM	Quality AIT Manager
QAITO	Quality AIT Operator
QC	Quality Control
QE	Quantum Efficiency
QLA	Quick Look Analysis
QM	Qualification Model
QR	Qualification Review
QSO	Quasi-Stellar Object (quasar)
RA	Right Ascension
RAM	Random Access Memory
RAS	Royal Astronomical Society

RB	Requirement Baseline
RCS	Red Cluster Sequence Survey
RD	Reference Document
RE	Radiated Emission
rEE50	50% Encircled Energy radius
rEE80	80% Encircled Energy radius
RFA	Request For Approval
RFD	Request For Deviation
RFI	Request For Information
RFQ	Request For Quotation
RFW	Request For Waiver
RGMM	Reduced Geometrical Mathematical Model
RMS	Root Mean Square
RMW	Read Modify Write
ROE	Read-Out Electronics
ROE	Royal Observatory Edinburgh
ROI	Region Of Interest
ROIC	Readout Integrated Circuit
ROM	Rough Order of Magnitude
RON	ReadOut Noise
ROSA	ROmanian Space Agency (Romania)
RPE	Relative Pointing Error
R-PLM	Reduced PayLoad Module
RPSU	ROE Power Supply
RS	Radiated Susceptibility
RSD	Redshift Space Distortion
RSSD	ESA Research and Space Support Department
RSU	Read-out Shutter Unit
RT	Real Time pipeline
RT	Remote Terminal
RT	Room Temperature
RTA	Real Time Assessment
RTD	Resistance Temperature Device
RTMM	Reduced Thermal Mathematical Model
RuG	Rijkuniversiteit Groningen
SAA	Solar Aspect Angle
SAID	Science Analysis Implementation Document
SAP	Service d'Astrophysique – CEA/IRFU
SARD	System AIV Requirements Document
SAT	Science Archive Team
S/C	SpaceCraft
SCA	Sensor Chip Assembly

SCE	Sensor Chip Electronic
SCET	SpaceCraft Elapsed Time
SciRD	Science Requirements Document
SCM	Software Configuration Management
SCMP	Software Configuration Management Plan
SCR	Software Change Request
SCOS	Satellite Control and Operation System
SCS	Sensor Chip System
SDC	Science Data Center
SDM	SOC Development Manager
SDR	Software Development Repositories
SDSS	Sloan Digital Sky Survey
SED	Single Event Damage
SED	Spectral Energy Distribution
SEL	Single Event Latch-up
SEL-2	Sun-Earth Lagrange point 2 (=L2)
SEMP	System Engineering Management Plan
SEP	South Ecliptic Pole
SEP	System Engineering Plan
SER	Secrétaire d'Etat à l'Education et à la Recherche (Switzerland)
SEU	Single Event Upset
SFR	Star Formation Rate
SG	Science Group
SGP	South Galactic Pole
SGS	Science Ground Segment
SGSS	Science Ground Segment Scientist
SiC	Silicon Carbide
SIDECAR	System for Image Digitization, Enhancement, Control And Retrieval.
SIDM	Self Interacting Dark Matter
SIM-SWG	Simulations Science Working Group
SIP	Science Implementation Plan
SIR	System Integration Review
SIRD	Science Implementation Requirements Document
SIS	Service d'Ingénierie des Systèmes – CEA/IRFU
SISSA	Scuola Internazionale Superiore di Studi Avanzati
SIVVP	Software Integration, Validation and Verification Plan
SKA	Square Kilometre Array
SL	Strong Lensing
SL	System Lead
SLI	Single Layer Insulation
SME	Surface Mirror Error
SMM	Structural Mathematical Model

SMP	Science Management Plan
S/N	Signal-to-Noise ratio
SN	SuperNova
SNla	Type Ia SuperNova
SNLS	SuperNova Legacy Survey
SNR	Signal to Noise Ratio
SNT	SuperNova and Transients
SOC	Science Operation Center
SOC	Statement Of Compliance
SOCD	Science Operations Concept Document
SOD	Science Operation Department
SODD	Science Output Definition Document
SOVT	Science Operations Verification Tests
SOW	Statement Of Work
SPA	Software Product Assurance
SPACE	Spectroscopic All-Sky Cosmic Explorer
SPAP	Software Product Assurance Plan
SPBD	System Performance Budget Document
SPC	Science Programme Committee
SPM	Software Product Manager
SPR	Science Performance Review
SPT	South Pole Telescope
SPW	SPace Wire
SQAP	Software Quality Assurance Plan
SQL	Structured Query Language
SRB	Software Review Board
SRD	Software Requirements Document
SRD	System Requirements Document
SRE	ESA Science and Robotic Exploration
SRE-O	SRE-Operations department
SSA	SunShield Assembly
SSC	Sensor System Chip
SSC	Space Science Center (Denmark)
SRR	System Requirements Review
SSE	Sun-Spacecraft Earth angle
ST	Science Team
STEP	Shear Testing Programme
STM	Structural & Thermal Model
SU	Shutter Unit
SUMIRE	Subaru Measurement of Images and REDshifts
SUR	Science User Requirements
SVM	SerVice Module

SVN	SubVersion
SVT	System Verification Testing
SVVP	System Validation and Verification Plan
STScI	Space Telescope Science Institute
S/W	SoftWare
SWG	Science Working Group
SWL	Space Wire Link
SZ	Sunyaev-Zeldovich
TA	Telescope Assembly
TAA	Technical Assistance Agreement
TAITM	Thermal AIT Manager
TAITO	Thermal AIT Operator
TAS	Thales Alenia Space
TB	Thermal Balance
TBA	To Be Assigned – To Be Appointed
TBC	To Be Confirmed
TBD	To Be Defined/Determined
TBR	To Be Revised
TBT	Thermal Balance Test
TB/TV	Thermal Balance/Thermal Vacuum
TBV	To Be Verified
TBW	To Be Written
TC	TeleCommands
TCS	Thermal Control System
TDA	Technology Development Activity
TE	Test Equipment
TEKES	TEknologian ja innovaatioiden KEhittämiskeskus
TeVS	Tensor Vector Scalar
TGSE	Thermal Ground Support Equipment
TH-SWG	Theory Science Working Group
TID	Total Ionising Dose
TIF	Thermal InterFace
TIM	Technical Information Meeting
TIS	Teledyne Imaging Systems
TIS	Teledyne Imaging Sensors
TIS	Total Integrated Scattering
TLM	Telemetry
TM	TeleMetry
TMA	Three Mirrors Anastigmat
TMM	Thermal Mathematical Model
TMT	Thirty Meter Telescope
TN	Technical Note

Top	Temperature Operating
ToR	Terms of Reference
TR	software TRansfer phase
TRL	Technology Readiness Level
TRP	Temperature Reference Point
TT	(Euclid) Tiger Team
TT&C	Telemetry, Tracking and Command
TV	Thermal Vacuum
UAH	University of Alcalá de Henares
UC	University of California
UCL	University College London
UDF	Ultra-Deep Field
UH	University of Helsinki
UH	University of Hawaii
UIO	Universitetet i Oslo
UKIDS	UKIRT Infrared Deep Sky Survey
UKIDSS-LAS	UKIRT Infrared Deep Sky Survey Large Area Survey
UKIRT	United Kingdom InfraRed Telescope
UKSA	United Kingdom Space Agency (UK)
UMA	Universidad Autonomia de Madrid
UML	Unified Modeling Language
UoG	University of Geneva
UPCT	Universidad Politécnica de CarTagena - Technical University of Cartagena
UPenn	University of Pennsylvania
UPMC	Université Pierre et Marie Curie
URD	User Requirements Document
URF	Unit Reference Frame
USM	Universitäts-Sternwarte München
USNO	US Naval Observatory
USS	Upper Support Structure (NI-DS)
UTR	Up The Ramp Readout
V&V	Validation and Verification
VCD	Verification Control Document
VGS	Verification Ground Support
VI-CDPU	VIS Control and Data Processing Unit
VI-CU	VIS Calibration Unit
VDA	Vapour Deposit Aluminium
VIDEO	VISTA Deep Extragalactic Observatory survey
VI-FPA	VIS Focal Plane Assembly
VI-FPA-DP	VIS FPA Detector Panel
VI-FPA-ES	VIS FPA Electronic Structure
VI-HAR	VIS HARness

VI-FH	VIS Flight Harness
VIKING	VISTA Kilo degree INfrared Galaxy survey
VIMOS	Visible wide field Imager and Multi-Object Spectrograph
VI-PMCU	VIS Power and Mechanisms Control Unit
VIPERS	VIMOS Public Extragalactic Redshift Survey
VIPM	VIS Project Manager
VI-RSU	VIS Read-out Shutter Unit
VIS	VISible Instrument
VISTA	Visible and Infrared Survey Telescope for Astronomy
VI-SU	VIS Shutter Unit
VLA	Very Large Array
VLT	ESO Very Large Telescope
VO / VObs	Virtual Observatory
VST	VLT Survey Telescope
VVDS	VIMOS VLT Deep survey
WA	Worst Average PSF
WBS	Work Breakdown Structure
WCS	World Coordinate System
WDM	Warm Dark Matter
WE	Warm Electronics
WEAVE	WHT Enhanced Area Velocity Explorer
WFC3	HST Wide Field Camera 3
WFE	Wave Front Error
WFS	Wave Front Sensor
WG	Working Group
WHT	William Herschel Telescope
WIMP	Weakly Interacting Massive Particle
WISE	Wide field Infrared Survey Explorer
WFIRST	Wide Field InfraRed Survey Telescope
WL	Weak Lensing
WL-SWG	Weak Lensing Science Working Group
WMAP	Wilkinson Microwave-Anisotropy Probe
WP	Work Package
WPBD	Work Package Breakdown and Description
WPD	Work Package Description
WR	Worst worst Red PSF
WS	Wide Survey
XC	Cross-Correlation
XML	eXtensible Markup Language
XMM	X-ray Multi-Mirror Telescope
XSD	XML Schema Definition
ZEBRA	Zurich Extragalactic Bayesian Redshift Analyser (photometric redshift measurement method)

