



EUROPEAN SOUTHERN OBSERVATORY

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# VERY LARGE TELESCOPE INSTRUMENTATION DIVISION

## **New General detector Controller**

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# CHANGE RECORD

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# **1. Introduction**

## **1.1. Purpose**

This document presents the list of acronyms which are common to all the documents related to the ESO Next Generation detector Controller (NGC) project.

All the NGC project documents shall refer to this list for the explanation of any acronym related to NGC.

## 2. Acronyms

This document employs several abbreviations and acronyms to refer concisely to an item, after it has been introduced. The following list is aimed to help the reader in recalling the extended meaning of each short expression:

A/D	Analog to Digital
ADC	Analog to Digital Converter
ALMA	Atacama Large Millimeter Array
AO	Adaptive Optics
CCD	Charge-Coupled Device
CCS	Central Control Software
CDT	Command Definition Table
CLDC	Clock- and DC-Voltage Driver
CMM	Configuration Management Module
CPL	Common Pipeline Library
CPU	Central Processing Unit
DB	Database
DCS	Detector Control Software
DFE	Detector Front End
DFS	Data Flow System
DMA	Direct Memory Access
DXF	Data Transfer Library
ESO	European Southern Observatory
FIERA	Fast Imager Electronic Readout Assembly
FITS	Flexible Image Transport Format
GUI	Graphical User Interface
HW	Hardware
ICD	Interface Control Document
ICS	Instrument Control Software
IF	Interface
INS	Instrumentation Software
IRACE	InfraRed Array Control Electronics
IWS	Instrument Workstation
LAN	Local Area Network
LCC	LCU Common software

LCU	Local Control Unit
LED	Light Emitting Diode
NA	Not Applicable
NGC	New General detector Controller
NGCDFE	NGC Detector Front End
NGCIRSW	NGC Infrared control Software
NGCLCU	NGC Local Control Unit
NGCOSW	NGC Optical control Software
OLDB	Online Database
OS	Observation Software
RTD	Real Time Display
SW	Software
TAT	Tools for Automated Testing
TBC	To Be Confirmed / To Be Completed
TBD	To Be Defined
TCS	Telescope Control System
UML	Unified Modelling Language
VLT	Very Large Telescope
VLTSW	VLT Software
WS	Workstation

