

AA Array Assembly (an SKA construction milestone)

AAVS Aperture Array Verification System

ADC Analog to Digital Converter

ADR Adoption Design Review

AENEAS Advanced European Network of E-infrastructures for Astronomy

AIP Advanced Instrumentation Programme

AIv Assembly integration and verification

ALMA Atacama Large Millimeter Array

ATC UK Astronomy Technology Centre

C0 Milestone for the start of SKA construction

CASA Common Astronomy Software Applications

CBF Correlator Beamformer

CDR Critical Design Review

COTS Commercial of the Shelf

CP Construction Proposal

CPF Central Processing Facility

CPU Central Processing Unit

CSP Central Signal Processor

DMS Data Management Systems

DDD Detailed Design Document

ECC Engineering and Construction

ECP Engineering Change Proposal

EIF Entry into Force

EICD External Interface Control Documents

ESRC European SKA Regional Centre

FAT Factory Acceptance Test

FMECA Failure Modes, Effects and Criticality Analysis

FPGA Field Programmable Gate Array

FTE Full Time Equivalent

GPU General Processing Unit

HERA Hydrogen Epoch of Reionization Array

|        |                                             |
|--------|---------------------------------------------|
| HPC    | High-performance computing                  |
| ICD    | Interface Control Document                  |
| IGO    | Intergovernmental Organisation              |
| ILO    | Industry Liaison Office                     |
| ILS    | Integrated Logistics Support                |
| ITF    | Integrated Test Facility                    |
| ITT    | Invitations To Tender                       |
| ITU    | International Telecommunication Union       |
| JIRA   | A proprietary issue tracking product        |
| LFAA   | Low Frequency Aperture Array                |
| LINFRA | Local Infrastructure                        |
| LMC    | Local Monitoring and Control                |
| LNA    | Low Noise Amplifier                         |
| MCCS   | Monitor, Control and Calibration sub system |
| MFAA   | Mid Frequency Aperture Array                |
| MRO    | Murchison Radio Observatory                 |
| MVP    | Minimum Viable Product                      |
| NEC4   | New Engineering Contract 4th generation     |
| NIP    | Non-Imaging Processor                       |
| NMGR   | Network Manager                             |
| NSDN   | Non Science Data Network                    |
| ODA    | Observation Data Archive                    |
| ODP    | Observatory Development Programme           |
| ODT    | Observation Design Tool                     |
| OET    | Observation Execution Tool                  |
| OeRC   | Oxford e-Research Centre                    |
| OM     | Observation Management                      |
| OPT    | Observation Planning Tool                   |
| OSO    | Observatory Science Operations              |
| OST    | Observation Scheduling Tool                 |
| P3     | Performance Prototype Platform              |

PaSD Power and Signal Distribution System  
PAF Phased Array Feed  
PDR Preliminary Design Review  
PE Public Engagement  
PHT Proposal Handling Tool  
PHAROS Prototype cryogenic PAF system  
PI Program Increment  
PO Product Owner  
ProtoNIP Prototype Non-Imaging Processor  
PSC Professional Service Contracts  
PSS Pulsar Search Sub-element  
PTT Project Tracking Tool  
QA Quality Assurance  
RfI Request for Information  
RFI Radio Frequency Interference  
RFoF Radio Frequency over Fibre  
RF-SoC RF-System-on-Chip  
RPF Remote Processing Facility  
SADT Signal and Data Transport  
SAFe Scaled Agile Framework  
SARAO South African Radio Astronomy Observatory  
SAT Synchronisation And Timing  
SB Scheduling Block  
SC Supply Contracts  
SDP Science Data Processor  
SE System Engineering  
SEAC Science and Engineering Advisory Committee  
SKA Square Kilometre Array  
SKA1 Phase 1 of the SKA  
SKA1-LOW Low frequency aperture array of SKA1  
SKA1-MID Mid Frequency array of dishes of SKA1

SKALA4 4th generation of the log-periodic antennas for SKA1-LOW

SLT Shift Log Tool

SKAO SKA Observatory

SME Small and medium-sized enterprise

SOW Statement Of Work

SPC Science Processing Centre

SPDO SKA Program Development Office

SPS Signal Processing System

SRC SKA Regional Centre

SRF Small Research Facility

T0 Council have approved the construction proposal and sufficient funds are available to start

TANGO Open source device-oriented controls toolkit

TM Telescope Manager

TMC Telescope Monitor and Control

TPM Tile-Processing Module

TUPE Transfer of Undertakings (Protection of Employment)

UoC University of Cambridge

UoM University of Manchester

UoO University of Oxford

UTC Coordinated Universal Time

VCRM Verification Compliance and Requirements Matrix

VLBI Very Long Baseline Interferometry