

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