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# Garada

## SAR Formation Flying

### Annex 16. List of Acronyms

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#### Revision History

Version No.	Date	Author	Description of Change
V01_00	30 <sup>th</sup> June 2013	James Carrapetta	Initial Release



<b>Abbreviation</b>	<b>Expansion</b>
ACSER	Australian Centre for Space Engineering Research
AITC	Advanced Instrumentation Technology Centre
ANU	Australian National University
AOCS	Altitude Orbit Control System
ASRP	Australian Space Research Program
AWAP	Australian Water Availability Project
C&DH	Command and Data Handling
CONOPS	Operational Concept Document
COTS	Commercial Off The Shelf
CS	Communications System
CSC	China Scholarship Council
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DIA	Detection-Identification-Adaptation
DSTO	Defence Science and Technology Organisation
EERMUFFS	Earth Environment Remote Monitoring Using Formation Flying SAR
EIRP	Effective Isotropic Radiated Power
ENAC	École Nationale de l'Aviation Civile
EO	Earth Observation
EOL	End Of Life
ESA	European Space Agency
FPS	Functional Performance Specification
GLONASS	Global Navigation Satellite System (Operated by Russian Aerospace Defence Forces)
GNSS	Global Navigation Satellite System
GNSS-R	Global Navigation Satellite System Reflectometry



GPS	Global Positioning System
GSS	Ground Station System
HBDL	High Bandwidth Downlink
ICD	Interface Control Document
IF	Intermediate Frequency
IFP	Image Formation Processor
LEOP	Launch and Early Operation Phase
MCS	Mission Control System
MDB	Murray Darling Basin
MLI	Multi Looked Intensity
MMDPS	Mission Management and Data Processing System
Namuru	Navigational Apparatus Made at UNSW for Reconfiguration by Users
NASA	National Aeronautics and Space Administration
NBN	National Broadband Network
NEOS-IP	National Earth Observation from Space Infrastructure Plan
NICTA	National ICT Australia
NZ	New Zealand
R&D	Research and Development
REDD	Reducing Emissions from Deforestation and Forest Degradation
RF	Radio Frequency
ROM	Rough Order of Magnitude
SAR	Synthetic Aperture Radar
SLC	Single Look Complex
SS	Support System
SSH	Sea Surface Height



**Garada**

SSO	Sun-Synchronous Orbit
SSTL	Surrey Satellite Technology Ltd
STK	Satellite Tool Kit
T&C	Telemetry and Command
TRL	Technology Readiness Level
UAG	User Advisory Group
UAV	Unmanned Aerial Vehicle
UK	United Kingdom
UNSW	University of New South Wales
WP	Work Package