



Terms	Description	Impact / E.g.
A		
ADF	Auxiliary Data File	
Antenna	Ground Segment ~Svalbard	antenna pointing anomalies can occur due to mechanical failure, incorrect planning, etc
B		
Blackbody	refers to the black body targets used for thermal infra-red channels SLSTR calibration	
Blackbody crossover test	routine SLSTR maintenance related to calibration	
C		
Calibration	instrument calibration is the process of quantitatively defining the instrument response to known/controlled signal inputs	
CAMS	Coordinated Anomaly Management System	ESA ticketing system
D		
Data gap, gap	anomaly where a period is without products	
Decontamination	SLSTR maintenance to handle build up of ice within the FPA	during decontamination data is missing or degraded
DFEP	demodulator and front-end processing system	
Degradation / Degraded	reduction in quality caused by an anomaly	
Drift phase	active drift of the satellite to reach its expected final position	
DPM VAS error	associated to VAM error (see VAM anomaly)	
E		
EFR	Earth observation Full Resolution	
ERR	Earth observation Reduced Resolution	
F		
FEE	Front end electronics (related to SLSTR)	
FPA	on board instrument imaging device	
FPU trap anomaly	Floating Point Unit trap anomaly	SLSTR anomaly leading to Decontamination maintenance (see Decontamination)
FR	Full Resolution	
G		
Geolocation	process of affecting geographical coordinates to image pixels	
Ground Segment (=GS)	ground based infrastructures and means to manage and control the satellite, to receive and process the data to generate operation products, and then distribute and archive them	
H		
I		
Instrument special operation / commanding	telemetry sent by Flight Operations Segment to the satellite updating parameters or with some onboard task	some instrument modes or other onboard HW operations may require disabling or impact nominal function of other instruments/components
IPF	Instrument Processing Facility	issues due to IPF are usually recoverable in reprocessing after the SPR resolved.
ISP	Instrument Source Packet - raw data received from satellite	
J		
K		
L		
LOPP	L0 Pre-Processor - ground component in charge of preprocessing L0 products	
M		
Manoeuvre	spacecraft manoeuvre	normally leading to NAVATT discarded & instrument pointing errors
Microwave / MW	radiometer sensor for Altimetry application	
Missing data/scans/frames	missing scans inside the products - empty pixels	
N		
NAVATT	navigation and attitude file (type TM_0_NAT), contains satellite orbit and attitude from onboard GPS and Star trackers resp. Used in input of the Level 1 processing	if The NAVATT inputs are not available for the period to be processed (plus margin) or these are degraded/corrupted, the IPF with issue degraded flags MISSING_NAVATT or DISCARDED_NAVATT. The run is done with a backup orbit and attitude info, but the geolocation accuracy of the product will be significantly affected.
O		
OLCI	Ocean and Land Colour Instrument	
P		
Packets	see ISP	
PDGS	Payload Data Ground Segment - facilities in charge of generating products in particular	
PDHU	Payload Data Handling Unit - satellite on board unit managing data storage and conversion before downlink	
PDU	Product Dissemination Unit - corresponding to products with sensing periods typically from ~3 to ~5min	
Pointing (error)	issue related to instrument sight	usually impacting geolocation accuracy
Q		
R		
RFI	Radio Frequency Interferences	Degrades the data downlink, inducing a loss of data (usually limited to a few seconds) in the products
RIO	Request for Instrument Operation	
S		



Terms	Description	Impact / E.g.
SCC hardware	Satellite Control Center hardware - related to ground signal reception antennas	
Sequence errors (=sequencing errors)	issue detected at ISPs level	usually leading to missing frames in final products
SLSTR	Sea and Land Surface Temperature Radiometer instrument. Radiometer measuring surface temperature	
SLSTR FEE (channel)	SLSTR acquisition special configuration for the related channel	configuration set up punctually for tests purpose - can lead to degraded products
SLSTR Straylight test	activity related to stray light correction for calibration purpose	can originate degraded products
SOR	Special Operation Request	
SPR	Software Problem Report	(see IPF)
SRAL	Synthetic Aperture Radar Altimeter. Instrument measuring surface elevation	
Svalbard (SVL)	site with donwlink Station for Sentinel 3 Ground Segment	(see also Antenna)
SYNERGY	product type using OLCI and SLSTR as inputs to generate products for vegetation monitoring purpose	
T		
TM_0_NAT	data type of NAVATT products	(see NAVATT)
T_START channel	SLSTR acquisition special configuration for the related channel	configuration set up punctually for tests purpose - can lead to degraded products
U		
V		
VAM anomaly	Videao Acquisition Module issue on OLCI	leading to missing data for OLCI camera(s) during all the anomaly period
Viscal	can refer to a target of known reflectance for SLSTR short-wave, near infra-red, and visible channels calibration purpose can also refer to the corresponding Viscal calibration ADF (VSC ADF)	
W		
X		
Y		
Z		