



Consiglio Nazionale
delle Ricerche

Contract n.: EUM/CO/18/4600002161/EJK

EUMETSAT_OC-SCV_PDD
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ANNEX A. Traceability against the requirements

OC-VCAL-RD-#	Topic	PDD Section	Comments
OC-VCAL-RD_1	SRF	-	Out of scope of the infrastructure
OC-VCAL-RD_2	Gain	-	Out of Scope of the infrastructure
OC-VCAL-RD_3	Gain	-	Out of Scope of the infrastructure
OC-VCAL-RD_4	Gain	-	Out of Scope of the infrastructure
OC-VCAL-RD_5	Gain	-	Out of Scope of the infrastructure
OC-VCAL-RD_6	Radiometric Measurements	3.2.2, 4.3.6	
OC-VCAL-RD_7	SVC in NIR	-	Out of Scope of the infrastructure: SVC at NIR is achieved over oligotrophic sites.
OC-VCAL-RD_8	Consistency of RTM in gain estimation	-	Out of Scope of the infrastructure
OC-VCAL-RD_9	Site selection based on EUB	2.4	
OC-VCAL-RD_10	Absolute accuracy	4.3	See also EUB
OC-VCAL-RD_11	# of SVC sites	1	One unique site is proposed as part of a global network (MarONet) using harmonized SI traceable optical system, protocols and processing.
OC-VCAL-RD_12	Characterization of Atmosphere at the site	2.2.5, 2.4.2	
OC-VCAL-RD_13	Spectral coverage	3.2	
OC-VCAL-RD_14	Spectral resolution & Sampling	3.2	
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OC-VCAL-RD_19	Immersion Factor	3.2	
OC-VCAL-RD_20	Temperature Dependence	3.2	
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OC-VCAL-RD_32	Bio-optical characterization: IOPs & BRDF	2.2.4, 3.3.2, 4.3.6	

OC-VCAL-RD-#	Topic	PDD Section	Comments
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OC-VCAL-RD_34	<i>Aerosol characterization</i>	2.2.5, 3.5	
OC-VCAL-RD_35	<i>Spatial variability of geophysical parameters</i>	2.2.4-6	
OC-VCAL-RD_36	<i>Temporal Stability of geophysical parameters</i>	2.2.4-6	
OC-VCAL-RD_37	<i>Weather and physical conditions</i>	2.2.4-5	
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OC-VCAL-RD_39	<i>Illumination Conditions</i>	2.2.1	
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OC-VCAL-RD_41	<i>Spectral integration</i>	4.3	
OC-VCAL-RD_42	<i>Normalization and BRDF correction</i>	4.3	
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OC-VCAL-RD_45	<i>Match-up criteria: data quality</i>		<i>Out of Scope of the infrastructure</i>
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