All Fields marked with * are mandatory.

Change Request #:	**312**
Assigned OGC Document #:	**13-088**
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Document Name/Version:	*Earth Observation Metadata profile of Observations & Measurements / 1.0
OGC Project Document:	*10-157r3

If this is a revision of a previous submission and you have a Change Request Number, then check here:

Enter the CR number here:

Enter the Revsion Number that you are revising here:

Title:	* [EO PMOS SWG] Correct inconsistencies between UML model and tables
Source:	*ESA, GIM
Work item code:	
Category:	* A (corresponds to a correction in an earlier release)
Reason for change:	* UML Model and derived XML schemas are not fully in correspondance with the tables in the specification
Summary of change:	* 1/ In the EarthObservationResult class (opt schema), the properties cloudCoverPercentageQuotationMode and snowCoverPercentageQuotationMode are both wrongly defined as being of type EarthObservationResult. They should be of type PercentageCoverQuotationModeValue that specifies the enumeration AUTOMATIC or MANUAL. The corresponding entries in table 9 are correct.

	2/ In the Processing Information class diagram, the enumeration class CompositeTypeValue should be removed since the type of the compositeType property has been changed since the preceding specification (OGC06-080) from an enumeration to a TM_PeriodDuration. The CompositeTypeValue class is hence not in use anylonger and can be removed. 3/ In the Processing Information class diagram, the type of the processingDate property is TM_PeriodDuration. The table specifies that this should be a datetime. The model is wrong and the type of processingDate should be changed to DateTime. 4/ Table 6 lists the possible values for the OrbitDirectionValue as Ascending and Descending. The UML model specifies ASCENDING and DESCENDING. The model is correct and table 6 should be amended. 5/ Table 9 lists properties cloudCoverPercentageAssessmentPercentage and snowCoverPercentageAssessmentPercentage. The opt:EarthObservationResult class diagram has instead the properties cloudCoverPercentageAssessmentConfidence and snowCoverPercentageAssessmentConfidence. The UML diagram is correct and Table 9 should be corrected. 6/ The class diagram for Synthesis and Systematic Products metadata has a derivedFrom property of type CharacterString. The associated table 22 specifies that this property should be a link to the EO Products that were used in the generation of the ssp products. Like the similar eop:linkedWith and subsetOf properties, the type of the element should be EarthObservation encoded by reference. The UML model should be adapted. 7/ The class diagram for Altimetric products has the cardinality of the property alt:auxiliaryInstrument/alt:instrumentType as 1. The corresponding table 12 has 0..1 .Table 12 is wrong and should be updated. 8/ atm:earthObservationResult model contains cloudCover and snowCover related properties, table does not. Table needs to be extended. 9/ Add HH, HV, VH, VV as value in the enumeration for the sar:polarisationChannelValues
Consequences if not approved:	

Clauses affected:	* Table 5, 6, 9,12, 22 and corresponding class diagrams.
Additional Documents affected:	None
Supporting Documentation:	
Comments:	

Status:	Assigned
Assigned To:	EO PMOS SWG
Disposition:	Referred