

## Template for comments and secretariat observations

Date: 23/10/2015	Document: <b>ISO/IEC 30141</b>	Project:
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MB/ NC <sup>1</sup>	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment <sup>2</sup>	Comments	Proposed change	Observations of the secretariat
MB		3.36		ed	Title of the term begins with upper case		
MB		3.41		ed	Title of term is not set in a bold font		
MB		8.3		te	Digital entity is defined in 3.10.  But the term is used differently in 8.3. Specifically, digital entities now represent a physical entity.	Align the use of the term digital entity.  Maybe differentiate between digital entity (with a corresponding physical entity) and digital artefact (data or code without a relation to a physical entity).	
MB		9		ge	Section 9 seems to start a new document. It is neither editorially nor technically aligned with the previous clauses.	There should be a consistent story throughout the document. At least, please rely upon the terms of clause 8 and apply the same style in your figures.	
MB		8.3		te	The UML diagrams of the conceptual model should contain cardinalities. Here is the real IoT challenge. Especially, the cardinalities and the life-cycle between digital and physical entities shall be discussed.	Please provide a consistent description of cardinalities in both the UML models and the associated text.	
MB		8.3.3		te	The concept "service" should be defined in relationship to other ISO/IEC standards, e.g. revised version of ISO 19119.	The IoT Conceptual model needs a sound definition of the concepts "service", "interface" and "operation" including cardinalities, possibly in alignment with other ISO/IEC standards.	
MB		8.3.5		te	The concept "sensor" should be reconsidered when looking at what has been defined in ISO 19156:2011 Geographic information -- Observations and measurements.	Please check if concepts of the ISO ISO/TC 211 Geographic information/Geomatics such as "observation" and "measurement" may or should be applied to an IoT conceptual model. If not, it shall be argued why.	

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<sup>1</sup> **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by \*\*)

<sup>2</sup> **Type of comment:** **ge** = general **te** = technical **ed** = editorial