

ISO/IEC JTC 1/WG 7
Working Group on Sensor Networks

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Template for comments and secretariat observations

Date: 15 November 2010

Document: 1st Working Draft of ISO/IEC WD 29182-1

1	2	(3)	4	5	(6)	(7)
MB ¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
OG C	2		ed	The references listed in this clause are not normative references as defined in the ISO/IEC Directives, Part 2, 6.2.2.	Move these references to the Bibliography.	
OG C	5		te	The OGC Sensor Web Enablement initiative has developed several information and service model standards for integrating sensor networks into the Sensor Web, i.e. make sensor networks accessible to the "Rest of the World" via middleware services. Many successful applications have been and are being created using these standards. They should therefore be referenced in section 5 and listed in section 2. Alternatively, reference a summary document provided by the OGC.	List "OGC Sensor Web Enablement: Overview and High Level Architecture (OGC 07-165)" (http://portal.opengeospatial.org/files/?artifact_id=25562) in clause 2 and reference it in clause 5 – together with ITU-T F.744.	
OG C	5	1 st paragraph	ed	The abbreviation "IT" is not spelled out anywhere in the standard.	Spell it out at its first use, or include it in the list of abbreviated terms.	
OG C	6		te	This clause seems to consist of random thoughts about sensor networks of the future. There is no apparent organizing principle.	Rearrange this discussion according to some organizing principles. There seem to be two. First, the view of sensor networks as an extension of the internet (6.5) implies a greater variety of users (6.4) who are concerned with many different applications (6.13). This, in turn, drives a need for application interworking (6.3), dynamic provisioning of service (6.2), data gathering and pre-processing (6.6), collaborative information processing (6.8), and location information. Finally, requirements for robustness, reliability, and maintainability (6.12) lead to the needs for Intra-network communication (6.9) dynamic network topology (6.11) and power efficiency and operating lifetime (6.10).	
OG C	7.2	1 st paragraph	te	The statement that a network "shall provide communications capabilities between individual sensor nodes" implies a direct connection between every pair of nodes. Is that really the intent? This seems excessively	Clarify the requirement.	

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

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

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				strict as a requirement.		
OG C	7.3	1 st paragraph	te	This sentence contradicts much of the discussion in Clause 6 by implying that a sensor network has a single application.	Delete "for its prospective application" from the sentence	
OG C	7.6		ed	This subclause provides no useful information.	Delete it.	
OG C	7.12	1 st paragraph	ed	The abbreviation "IP" is not spelled out anywhere in this standard.	Spell it out at its first use, or include it in the list of abbreviated terms.	
OG C	7.17 - 7.20	NOTES	ed	It is not good standards practice to use two different terms for the same concept.	Select either "USN applications and services" or "sensor network applications and service" as the term to be used throughout the document.	
OG C	7.17 - 7.20	NOTES	ed	The text of the NOTE at the end of each of these subclauses is confusing since the term has been change only in these subclauses and not "in this International Standard."	Delete "in this International Standard" from each NOTE.	

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