

Telecommunications and Information Exchange Between Systems

ISO/IEC JTC 1/SC 6

Document Number:	N14147
Date:	2009-12-03
Replaces:	
Document Type:	Disposition of Comments
Document Title:	Disposition of Comments on ISO/IEC DIS 13158, Information technology - Telecommunications and information exchange between systems - NFC-SEC-01: NFC-SEC Cryptography Standard using ECDH and AES
Document Source:	Project Editor
Project Number:	
Document Status:	For consideration at the BRM on 20-21 January 2010, Barcelona, Spain
Action ID:	FYI
Due Date:	
No. of Pages:	4
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Template for comments and secretariat observations	Date: 2009-11-12	Document: DoC ISO/IEC DIS 13158
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1	2	(3)	4	5	(6)	(7)
MB¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
SG1				This document shall be named as ISO 13157-2		<p>It is assumed that the name should be changed to ISO/IEC 13157-1.</p> <p>The editor will implement the direction of the ISO editor under guidance of ISO IT Task Force.</p> <p>Resolved by</p> <p>From ISO's point of view, you can now, in principle, accept the Singaporean comment.</p> <p>However, the first part of the document title (up to the colon " : ") will need to be changed for either ISO/IEC 13157 or ISO/IEC 13158 so that they are aligned. This also implies changes in the scope and references clauses, so it is important to be sure that this is purely an editorial change and that it does not inadvertently change the scope of one of these documents.</p>
SG2				All reference to ECMA 385 shall be changed to ISO 13157-1 (i.e. the first ballot document)		<p>Resolved</p> <p>See SG1</p> <p>In any case references to ECMA-385 are replaced by references to ISO/IEC standard</p>
KR1			GE	It is highly recommended that the work seek comments from the 10892/14443 Harmonization Study Group in JTC 1/SC 6/WG 1 and a note on future harmonization be added if needed		The Harmonization effort of ISO/IEC 18092/21481 with ISO/IEC 14443 identified different use cases for NFC

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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						security in peer-to-peer mode and smart card security. Resolved by Inserting a note at the end of the scope: This standard does not address application specific security requirements (as typically needed for smart card related use cases). For such applications the security model and requirements of the ISO/IEC 7816 standard series may be used.
DE 1	Whole document		GE, TE	Germany disapproves the DIS 13157 (ECMA-385) and DIS 13158 (ECMA 386) for the reasons below. Germany will change its vote to approval, if at least DE 2 below will be satisfactorily resolved.		Acknowledged
DE 2	Whole document		GE, TE	The usage of ECMA-385 is closely bound to ECMA-340 (ISO/IEC 18092). So does ECMA-386 when applying it with ECMA-385. The passive mode communication of ECMA-340 is also used between NFC devices and contactless chipcards. Security features of chipcards, however, being in accordance with ISO/IEC 7816, are implemented according to one or more parts of ISO/IEC 7816, regardless they are contact or contactless chipcards. Therefore ECMA-385 may be undesirably interpreted to be used also for the interface between NFC devices and chipcards. This should be avoided.	Germany requests an additional and clarifying sentence, e.g. in the scope text of the two DIS texts, that ECMA-385 should not be applicable for the interface to chipcards, because the security features for the interface to chipcards are specified in the series of ISO/IEC 7816.	Resolved by KR1

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DE 3			GE, TE	It is highly recommended for SC6 to hold both the DIS after the ballot end, as it can be foreseen that changes will be done for ECMA-340 in due time because of the harmonization process of NFC and ISO/IEC 14443. As both the DIS are related to ECMA-340, modifications to those are much probable as a consequence of the harmonization process.		Resolved by Some modifications of 18092 have been anticipated by Annex B of DIS 13157. Since NFC-SEC is not targeted for smart card use cases, as requested by DE2, the further harmonization work with smart card standards (14443) will not affect NFC-SEC
FR1	Whole Document		General	<p>The choice made for the pair of cryptographic protocols proposed is a good one, and ensures the creation of a robust secure channel.</p> <p>However, both crypto-algorithms (ECDH and AES) are already been standardized and therefore the real question is the added value of such Fast Track proposal.</p> <p>DIS ISO/IEC 13158 actually is a mapping of these algorithms into the PDUs of the NFC-SEC protocol, to show how the NFC-SEC services may be provided. Therefore the problems and limitations noted above for DIS ISO/IEC 13157 are not completely solved.</p> <p>More precisely DIS contains material typical for an Informative Annex to be added to DIS ISO/IEC 13157 instead of an independent standard.</p>		Acknowledged

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