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Status: Report of Mr. Reinhard Meindl, ECMA liaison officer.
For review under SC17 Plenary Agenda Item 6.2.

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Committee URL: <http://isotc.iso.org/livelink/livelink/open/jtc1sc17>

Ecma/TC47/2010/063



**TC47 Near Field Communication
Liaison Report to JTC1/SC17**
TC47, reinhard.meindl@nxp.com



INTERNATIONAL

TC47 Meeting Schedule

Last

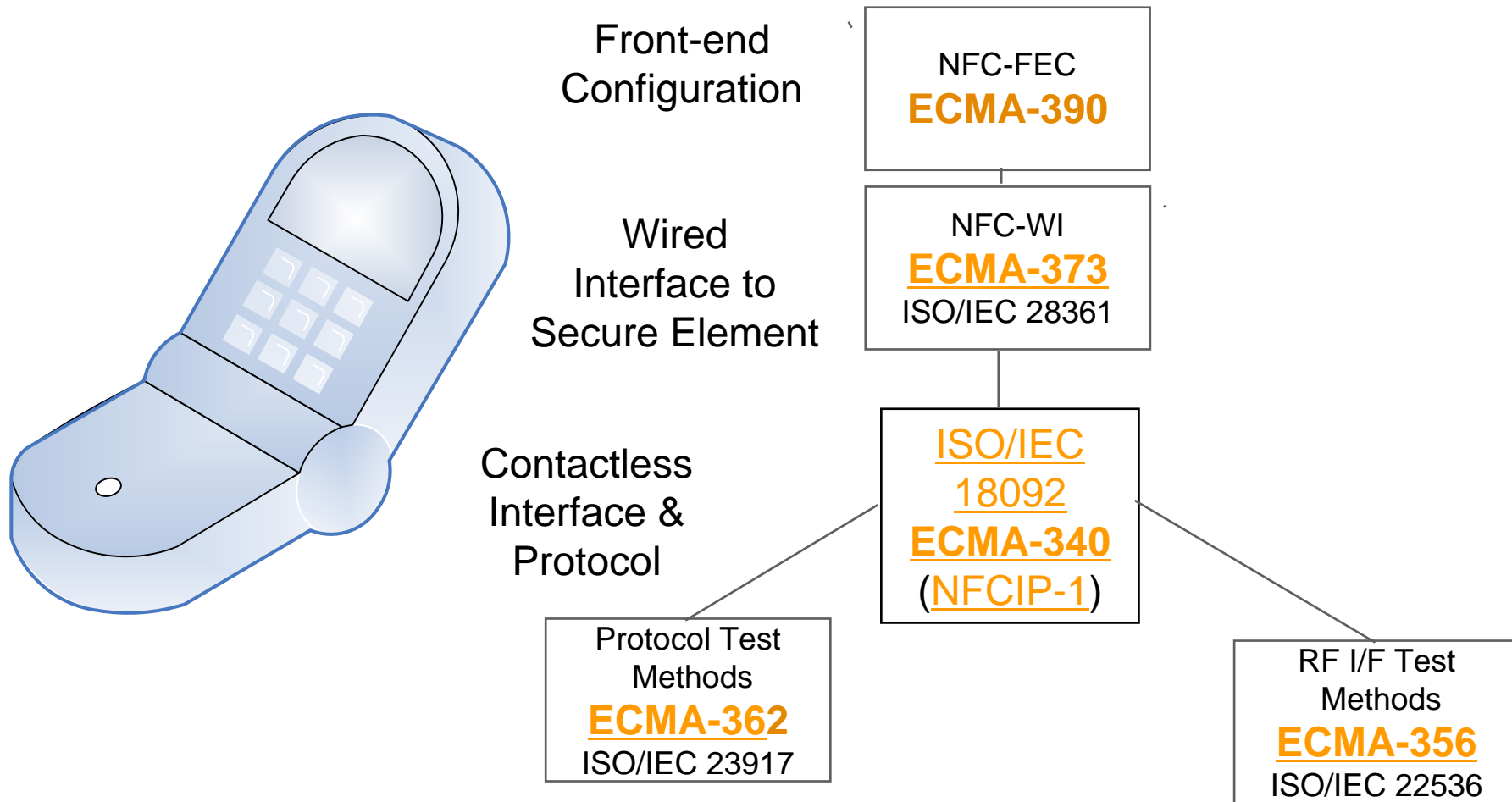
30 August - 3 September 2010 in Kashiwa, Japan

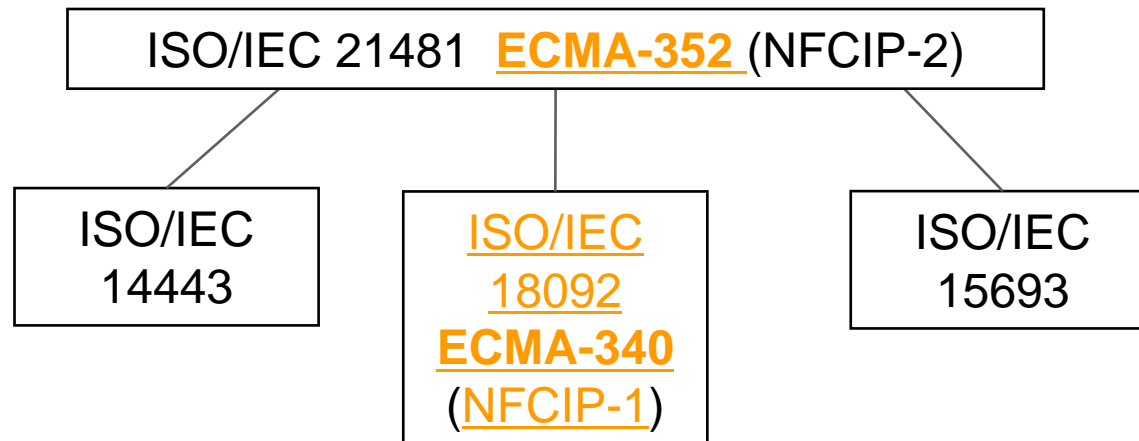
Next

13 - 15 December 2010 in Geneva

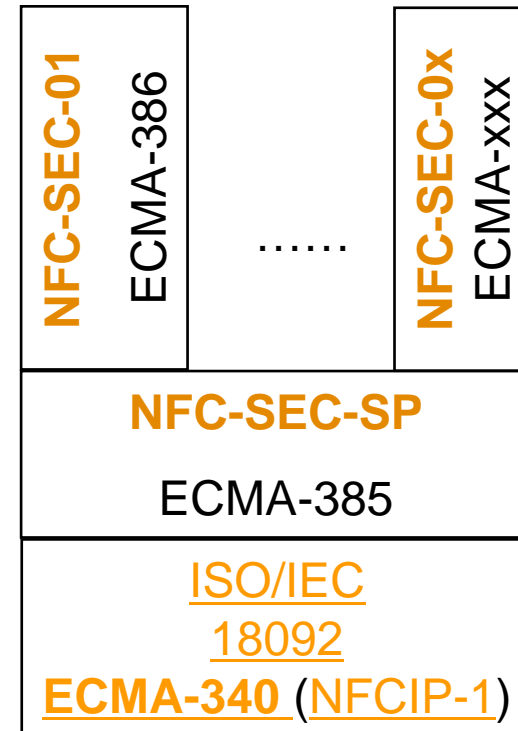
22 - 24 March 2011 (location to be decided)

NFCIP-1 Protocol Arrangement





- ▶ [ECMA-385](#) (ISO/IEC 13157-1) NFC-SEC-SP is the common framework and protocol specification
- ▶ [ECMA-386](#) (ISO/IEC 13157-2) NFC-SEC-01 contains cryptographic mechanisms, specific methods, algorithm key parameters
- ▶ Flexibility and extensibility
- ▶ More cryptography standards may come
- ▶ The actual list is maintained on [Ecma pages](#)



MSIP-1
ECMA-391

The 2.4 GHz solution for rapidly accessing large amounts of data called Memory Spot Interface and Protocol (MSIP-1) is [ECMA-391](#), [the Memory-Spot White Paper](#).

CCCC
ECMA-xxx

Closed Coupling Capacitive Communication.

LLIP
Visual Light
Communication
ECMA-xxx

Visible Light Communication (VLC) proposes to use visible light LEDs for data communication. [whitepaper](#)

Ecma invites experts from ISO/IEC JTC 1/SC 06, SC 17, SC 27 and SC 31, ETSI/SCP and the NFC forum to review and provide comments on [publications](#). After experts register [here](#), they are able to issue, discuss their technical comments using this [procedure](#).



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