

Meeting #15

Washington, D.C., Sept 12 – 14, 2000

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**Source:** Siemens AG

**Title:** Principles for the revision of Annex C

**Document for:** Discussion and decision

**Work item:** UMTS security architecture

**Agenda item:** 9.1

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#### **Abstract**

*It was agreed at S3#14 to revise Annex C to provide profiles for sequence number management. The intention was to cut down on the number of implementation options. This contribution proposes principles according to which Annex C should be revised.*

The proposed principles are the following:

- Annex C should remain informative
- Annex C should provide standard examples of sequence number profiles for those operators and manufacturers who do not wish to implement their own scheme.
- A profile for sequence number management should provide a consistent set of values for parameters used in the SQN schemes in the current Annex C.
- The number of profiles should be quite small.

The profiles should be consistent in the following sense:

- The profiles should be complete, i.e. values should be given for all parameters used;
- The profiles should provide interoperability in the sense that it should be possible that users may be moved between AuCs implementing different profiles.

It is the intention of the interoperability requirements to ensure that operators may buy from vendors implementing any of the profiles, and vendors need not implement more than one scheme. This is considered beneficial for both operators and vendors.

