

**3GPP TSG SA WG 3 (Security S3#14)**  
**1 - 4 August, 2000**  
**Oslo, Norway**

**S3-000475**

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**From:** 3GPP TSG SA WG 3 (Security)

**To:** ETSI Secretariat  
Monsieur Pierre de Courcel  
ETSI  
F-06921 Sophia Antipolis Cedex, France

**CC:** ETSI TC SEC  
ETSI SAGE

### **Request concerning use of the BEANO encryption algorithm**

Dear Monsieur de Courcel,

3GPP TSG SA WG 3 (S3, for short) is the technical specification group within 3GPP dealing with the security aspects of 3G systems.

For Release 2000 of the UMTS system, confidentiality and integrity protection of signalling links within and between mobile network operators' networks by means of a cryptographic algorithm is planned. It is the understanding of S3, that the BEANO (Block Encryption Algorithm for Network Operators) algorithm has been designed by ETSI SAGE in 1996 for exactly that purpose. S3 would therefore like to ask ETSI as the owner of the BEANO algorithm to confirm that

- this understanding is correct, and that
- all involved 3GPP member companies can acquire the BEANO specifications from ETSI

Further, the ETSI secretariat is asked to clarify the exact conditions under which the BEANO specifications and evaluation reports can be made available to S3 for review.

Of course if we are to deploy BEANO in 3GPP, then it is a prerequisite that the specification be published.

Thank you very much for your co-operation.

Yours sincerely,

Michael Walker (Chairman of 3GPP TSG SA WG 3)