**GSMA Security Group:**
*Report and request for work item on IST*

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| **Title:** | LS from GSMA Security Group |
| **Release:** | Rel-6 |
| **Work Item:** | |
| | |
| **Source:** | GSMA SG |
| **To:** | SA3 |
| **Cc:** | |

**Contact Person:**

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|---|---|
| **Name:** | Charles Brookson, SG Chairman |
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**Attachments:**          -

# 1   New UMTS algorithm for development by SAGE

Charles Brookson indicated that, although it is in operators' interests to develop a have a new cipher algorithm in reserve should vulnerability in Kasumi be discovered, there are no currently known or anticipated attacks against Kasumi. *SG endorsed the request for funding for the GSMA.*

# 2   GPRS Encryption Algorithm

The meeting restated that GEA3 should be deployed as quickly as possible, as per advice in PRD SG.07.

# 3   A5/2 withdrawal

An impact analysis was invited from equipment manufacturers in May 2004, via five questions related to A5/2 withdrawal, and James Moran led the meeting through specific feedback received. James Moran will seek clarification on the responses received, and he will publish the responses for SG member review, and provide a summary of the responses to the EMC.

# 4   Push to Talk Over Cellular (PoC)

Discussed from the security threat aspects.

# 5  SMS Fraud – SMSC Faking and Spoofing

A special working group of the GSMA had been looking at these issues, which were becoming an increasing problem. In relation to SMS Spam SG supports the work item to be established to update 3GPP TS 33.200 for release 6 to combine SS7 over IP with MAPsec (as this will be one of the potential solutions).

# 6  Bluetooth Vulnerability Update

Both the recent worms and use of the AT commands in Bluetooth were discussed and demonstrated.

# 7  Java Card Security

Harko Robroch and Marc Witteman (Riscure) were invited to the meeting as guests, and presented on Java card security risks and demonstrated some of the exposed vulnerabilities.

# 8  Wireless Emergency Response Service

The next step in relation to WERS is to produce a Toll Gate 0 document to further define operator requirements and input it to the GSMA EMC

# 9  Immediate Service Termination (IST)

The meeting discussed the need to resolve the long standing Immediate Service Termination (IST) issue and it was agreed that Charles Brookson will submit a liaison statement to SA3 requesting that GPRS and UMTS IST be established as a work item. This was supported by O2, optimus, Orange, Swisscom and Telia Sonera.

> **SA3 are encouraged to again take forward the work item on IST. GSMA is looking for support at SA3 for this issue.**

# 10 Next Meetings

Dates for the remaining 2004 meetings, and the first of 2005, were agreed as follows:
- September 13th to 14th – Madrid, Spain
- November 10th to 11th – Adare, Ireland
- February 9th to 10th – European hub location to be announced