3GPP TSG SA WG3 Security — S3#13   **S3-000320**

23-26 May, 2000

Yokohama, Japan

3GPP TSG SA WG3 Security — S3#12   **S3-000224**

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Source: **SA WG2**

Title: **Answer to LS on Functions of Key Distribution and Key Administration for MAP security**

Document for: **Discussion**

Agenda Item:

3GPP TSG SA2#12   **S2-000589**

Tokyo, Japan, March 6ᵗʰ – 9ᵗʰ, 2000

From: TSG SA WG2

To: TSG SA WG3, WG 5

CC: TSG CN WG2

Answer to LS on Functions of Key Distribution and Key Administration for MAP security

S2 has reviewed S3's LS contained in S3-00-0060 and S2 is aware of S3's LS to S5 in S3-00-0190.

S3 asked S2 to consider how the procedures for Key Administration and Key Distribution impact on the System Architecture of the 3G system.

S2 have briefly discussed this issue and have been lead to believe that the rate at which Keys are changed is in the order of 'weeks and months' rather than 'hours and days'. Hence S2 believe that the normal O+M procedures that apply within and between PLMNs (eg for the introduction of new roaming partners) could be used or adapted for the Key Administration and Key Distribution.

If this is the case, then S2 do not see the need for any changes to their network architecture specifications in R'99. However, S5 may (or may not) need to provide information on Key handling in their R'99 specifications.

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