3GPP TSG_CN / SMG3   **Tdoc NP-00171**
Plenary Meeting #7, Madrid, Spain
13th – 15th March 2000.

Source: **Nokia**

Title: **Global "Cause of no ID"**

Agenda item: **5.4**

Document for: **APPROVAL**

Introduction

TSG-CN and CN1 have discussed how to indicate different reasons due to which the CLI is not presented to the B party. During the discussion it was found out that such a feature can be supported to some extent with existing GSM "Line Identification" supplementary service, described in 22.081. Another identified solution relies on the use of the shift locking mechanism in 24.008, leading to regional or operator specific implementations.

This paper looks at possible enhancements to the Line Identification SS.

Possible enhancements to Line Identification SS

The current Line Identification SS supports "presentation and screening indicators", defined as follows (ref. 22.081):

> **Definition of Presentation and Screening Indicators:** In addition to or instead of the line identity, the network may give a Presentation Indicator (PI) and/or a Screening Indicator (SI) to the served subscriber. The following information may be given:
>
> - Presentation Indicator showing:
>
>   a) presentation allowed, or
>
>   b) presentation restricted, or
>
>   c) number not available due to interworking;
>
> - Screening Indicator showing:
>
>   a) user provided, verified and passed, or
>
>   b) user provided, not screened, or
>
>   c) network provided.

There are only three cause values for the Presentation Indicator but they cover the most common cases. It should be studied whether additional values are needed to cover possible new service requirements. This is a task for SA1.

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                          s assumed.

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Recommendation

It is recommended that

- the service requirements are studied in SA1
- possible solutions are verified in CN1
- no regional solutions are developed