



BID-0009

March, 1991

**Audible Message Waiting Indication
(AMWI)**

Terminal-to-Network Interface

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DOCUMENT HISTORY

1 March 1991 Initial issue

RENAMED AS BELL CANADA BID-0009 FROM STENTOR ID-0009

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1.0 SERVICE DESCRIPTION

The **Audible Message Waiting Indication (AMWI)** provides a means of alerting subscribers to the existence of a voice message in their voice message mail box. If there is no message in the subscriber's mail box, normal continuous dial tone is provided to the terminal.

When the **AMWI** signal is heard, the subscriber may call the Directory Number (DN) of the Message Centre (to which his DN has been assigned at the time of subscription) to retrieve his messages. The **AMWI** is, in principle, intended for human listening, rather than a prompt for automatic detection by a terminal.

The **AMWI** is available on DMS^(TM) switches. This feature could be offered in conjunction with the **Visual Message Waiting Indication (VMWI)** which is described in Bell Canada's ID-0008. All subscribers served by DMS switches can be served by **AMWI**. The rating structure for this feature has not been finalized at the time of issue of this document. The pricing will be done coincident with the **Integrated Voice Messaging Service**. It is expected to be similar to the **Call Management Service (CMS)** feature pricing of today.

2.0 FEATURE DESCRIPTION

The **AMWI** signal is defined as a repetitive pattern of 160 millisecon of dial tone (350 Hz + 440 Hz and -13 dBmO/frequency at the switch) that is followed by 160 millisecon of silence as illustrated in Figure 1 below.

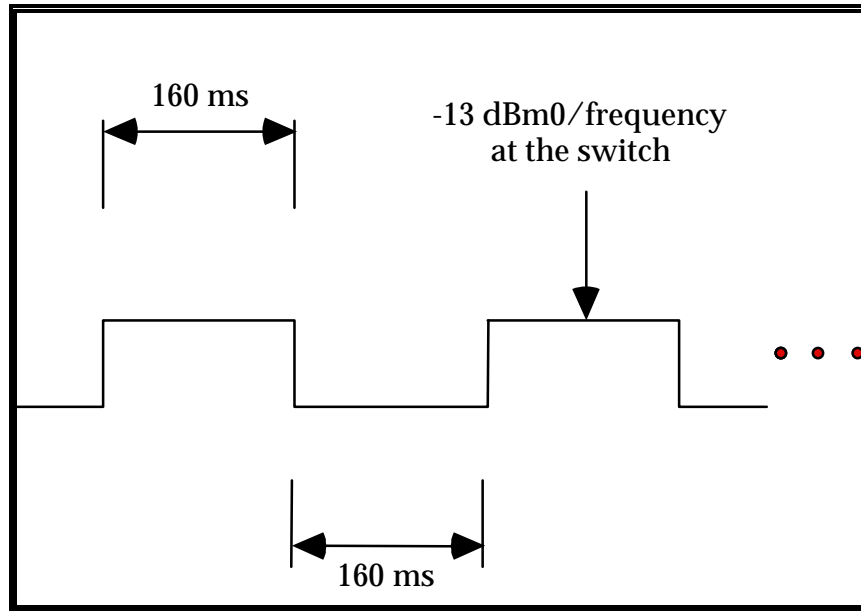


Figure 1: Timing and Level of Stuttered Dial Tone

2.1 Feature Interaction

The subscribers to this service will hear the **AMWI** signal, when there is a message in their voice mail box, before the first digit is dialed. It will appear on every call origination until all messages have been retrieved. Normal dial tone will be maintained at all other times.

Dialing can be performed in the usual manner whether the dial tone indicates the presence of a message or is continuous.

The terminal design shall adhere to requirements stated in Reference 3.1.

3.0 PHYSICAL CHARACTERISTICS OF THE TERMINAL-TO-NETWORK INTERFACE

3.1 Industry Canada:

CS-03, "Terminal Equipment Certification Standard", current issue.