

Subject: Special Information Tones (SIT) Changes
in Prerecorded magnetic cassette tapes KS 22550

SL: IL 83-05-082

type letter: Information

date: May 20, 1983



American Telephone and
Telegraph Company
295 North Maple Avenue
Basking Ridge, N. J. 07920
Phone (201) 221-2000

distribution lists: NPD-023, NSV 057, 058, 072, 105, 106, 144, 158, SRM 008
COM 016, STF 070

sl: IL83-05-082

file no.

related letters: SR 81-05-029, RL 81-07-154

other: IB17

to: Assistant Vice Presidents with Network Planning & Design and Switched
Services Responsibilities and SIT Deployment Coordinators.

**entitled companies/
entities:** AT&T Genl. Dept., Long Lines, Bell Labs, WECO, All BOCs

from: Division Manager - Centralized Systems Design Engineering
Division Manager - Total Network Data System

description: Announces changes in KS 22550 prerecorded magnetic tape cassettes and
describes revisions planned for associated BSPs 780-200-020, 780-200-024,
780-200-026.

* * *

Special Information Tones (SIT) have been deployed throughout the Bell network and are appearing in some non-Bell locations as well. These tones have become increasingly important with the wider use of automatic call classification devices such as used in the Service Evaluation System (SES) No. 2 and the Network Analysis System (NAS). The SIT electronically code network conditions of Reorder, Vacant Code, No Circuit and Intercept so that these calls can be accurately classified without human intervention by automated call classification terminals. In addition, the use of prerecorded magnetic tape cassettes which contain both the SIT and the recorded message have improved the quality of the messages (they are recorded in a sound studio by professional speakers) and virtually standardized the announcements for Bell network blockages.

As a result of the experience gained since the introduction of the SIT a number of changes are now being made to the lists of KS 22550 Magnetic Tape Cassettes. Three lists are being rated Manufacture Discontinued (MD); L32, L62 and L92; and nine new lists are being added; L05, L40, L41, L42, L64, L123, L124, L125 and L126.

Starting with issue 4 dated December 1982, BSP 780-200-020 will be the correct source for determining which set of tones and announcements are to be associated with the various blocking conditions and dialing errors. All other sources which furnished this information are

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement.

superseded, including SR 81-05-029 and BSP 780-200-026. A subsequent issue of BSP 780-200-026 will delete references to conditions encountered. Also superseded are the conditions encountered described on existing lists of KS 22550 magnetic tape cassettes. However, these SIT and recorded announcement messages are valid, and may be used for subsequent recording or rerecording provided they are in conformance with conditions stated in BSP 780-200-020 issue 4 or later.

The attachment provides details of the changes in KS 22550 Magnetic Tape cassettes including order wording, availability, and price information. Questions from Network Services Staff personnel may be directed to R. S. (Randy) Schulz on 201-221-5788. Design Engineering questions may be directed to M. J. (Mike) Giovaniello on 201-221-5009.



C. W. Lonquist
Division Manager -
Centralized Systems
Design Engineering



R. E. Collins
Division Manager - TNDS

Attachment

Contents

1. Background
2. KS 22550 - Lists Rated Manufacture Discontinued (MD)
3. KS 22550 - New Lists being made available
4. Associated BSPs
5. Ordering information

1. Background

Special Information Tones (SIT) were introduced into the network in 1981 as described in SR 81-05-029. They are now in use in every BOC. The General Departments Bell Independent Relations (BIR) people also advised their BOC counterparts to inform Independent Telephone companies of the System's plans to deploy SIT and encouraged them to do likewise. This was covered in RL 81-07-154. When SIT are encountered automated call classification devices can, without human intervention, accurately identify calls reaching Recorder (RO) No Circuit (NC) Vacant Code (VC) and Intercept (IC) announcements. In addition, announcement messages have been standardized for virtually all of these announcement conditions.

With experience in the use of SIT and changes in how the network is constructed, tones and announcements will necessarily be modified from time to time. These notes identify the most recent changes proposed in prerecorded magnetic tape cassettes KS 22550.

2. KS 22550 - Lists Rated MD

Three lists are rated MD; List 32, List 62, and List 92. Network Services does not foresee any future need for those announcements. The Lists, SIT, and associated announcements are shown below:

KS 22550 List 32 (VC SIT) "We're sorry, it is not necessary to dial '0' when calling this number. Will you please hang up and try your call again".

KS 22550 List 62 (NC SIT) "We're sorry, due to heavy calling we cannot complete your call at this time. Will you please hang up and try your call later. If your call is urgent, please try again now."

KS 22550 List 92 (RO SIT) "We're sorry, additional speed calling numbers cannot be entered at this time. Will you try again later, please."

3. KS 22550 - New Lists Being Made Available

The following nine new lists are now available:

KS 22550 List 05 (IC SIT) "We're sorry, your call cannot be completed as dialed or the number has been disconnected. Please check the number and dial again or call your operator to help you."

KS 22550 List 40 (VC SIT) "We're sorry, your call cannot be completed as dialed. Please check the number and dial again."

KS 22550 List 41 (VC SIT) "We're sorry, you must first dial a '1' or '0' when calling this number. Will you please hang up and try your call again."

KS 22550 List 42 (VC SIT) "911 is not a working emergency number for your area. For emergencies hang up a moment and dial your operator."

KS 22550 List 64 (NC SIT) "We're sorry, because of a work stoppage, the operator will be delayed in helping you. If your call is urgent, stay on the line and the operator will answer as soon as possible."

KS 22550 List 123 (No SIT - No announcement message) This tape simulates a 60 IPM busy tone.

KS 22550 List 124 (No Tones) "We're sorry, due to heavy calling, we cannot complete your call at this time. Will you please hang up and try your call later. If your call is urgent, please try again now."

KS 22550 List 125 (No Tones) "We're sorry, additional speed calling numbers cannot be entered at this time. Will you try again later please."

KS 22550 List 126 (No Tones) "We're sorry your call did not go through. Will you please try your call again."

4. Associated BSPs

BSP 780-200-020 Issue 4 dated December 1982 identifies which tones and/or announcements are to be provided for the various blocking conditions and dialing errors encountered. This BSP supersedes all earlier publications which provided this information. Among those earlier publications are:

SR 81-05-029 - This letter contains a table B which shows the List no. of KS 22550 for each associated dialing condition encountered. That table is now obsolete. (The SR also announced availability, furnished prices and ordering information for equipment needed to deploy SIT.)

BSP 780-200-024 - This practice describes the technical apparatus and procedures for transcribing the prerecorded magnetic tape information (KS 22550) to the various announcement devices. The condition encountered is described as being a part of the program material. This information (condition encountered) is no longer a valid portion of the tape program. The correct condition encountered information is found in BSP 780-200-020 issue 4 or later. However, existing tapes that were manufactured with this information are still usable provided they are applied in accordance with BSP 780-200-024 issue 4 or later. All new lists and future manufacture of existing lists of KS 22550 will be produced with no reference to condition encountered. BSP 780-200-024 will be modified when it is next issued.

BSP 700-200-026 - This practice describes the design, audio content and identification list numbers of KS 22550 Magnetic Tape Cassettes used to transcribe prerecorded SIT and announcement messages onto various types of recorded announcement systems. The various figures and tables include condition encountered. The stated conditions encountered are voided. Instead BSP 700-200-020 issue 4 or later is to be used for determining which tones and/or announcements match the various dialing conditions. BSP 700-200-026 will be reissued in 4Q83 to reflect this change.

5. Ordering Information

Order wording and availability are summarized below.

For price information contact the Western Electric Account Management Representative serving your company.

<u>Order Wording</u>	<u>Availability</u>
(Qty.) Tape, Cassette, KS 22550	Non-stock
L 05	4 wks. ARO
L 40	RTO - Now
L 41	
L 42	
L 64	
L 123	
L 124	
L 125	
L 126	