



# 83B2

## Selective Calling Teletypewriter System

**A MULTI-STATION SYSTEM THAT AUTOMATICALLY  
SENDS AND RECEIVES MESSAGES**





# 83B2

- ☐ A private line selective calling teletypewriter system that automatically sends and receives large volumes of messages over one or more circuits.
  - messages are automatically transmitted by all locations
  - receiving stations are not required to manually acknowledge either a call or the receipt of a message
- ☐ Service is 24 hours a day—everyday of the week.
- ☐ Total Service is engineered to your specific requirements.

## WIDE RANGE OF FEATURES FIT THE SYSTEM TO YOUR BUSINESS NEEDS

### HERE'S HOW IT WORKS

- ☐ Transmitter Start Codes (TSC) for assured message pickup.
  - two-letter TSC's are given each station
  - the control station continually polls the line by sending out TSC's in a predetermined sequence
  - stations having messages, send them automatically in response to their TSC
  - high volume stations may be given additional pickups in the polling sequence
- ☐ Call Directing Codes (CDC) for accurate automatic message delivery.
  - each station is assigned its own two-letter CDC
  - messages are directed to their destination by the use of CDC's
  - separate CDC's can be arranged for group or broadcast connections
- ☐ Transmission Control Center—Hub of the System.
  - control station sends out continuous pattern of TSC's to individual stations on the line
  - stations with no messages acknowledge the TSC's with a "V" no traffic response
  - a station having a message responds to the TSC by transmitting appropriate CDC's to all stations on the line
  - the called station, or stations, answers the CDC with a "V" answerback and the message is automatically sent
  - other stations, not recognizing the CDC as their own, do not receive the message
  - searching pattern is resumed after calling station completes message with disconnect signal

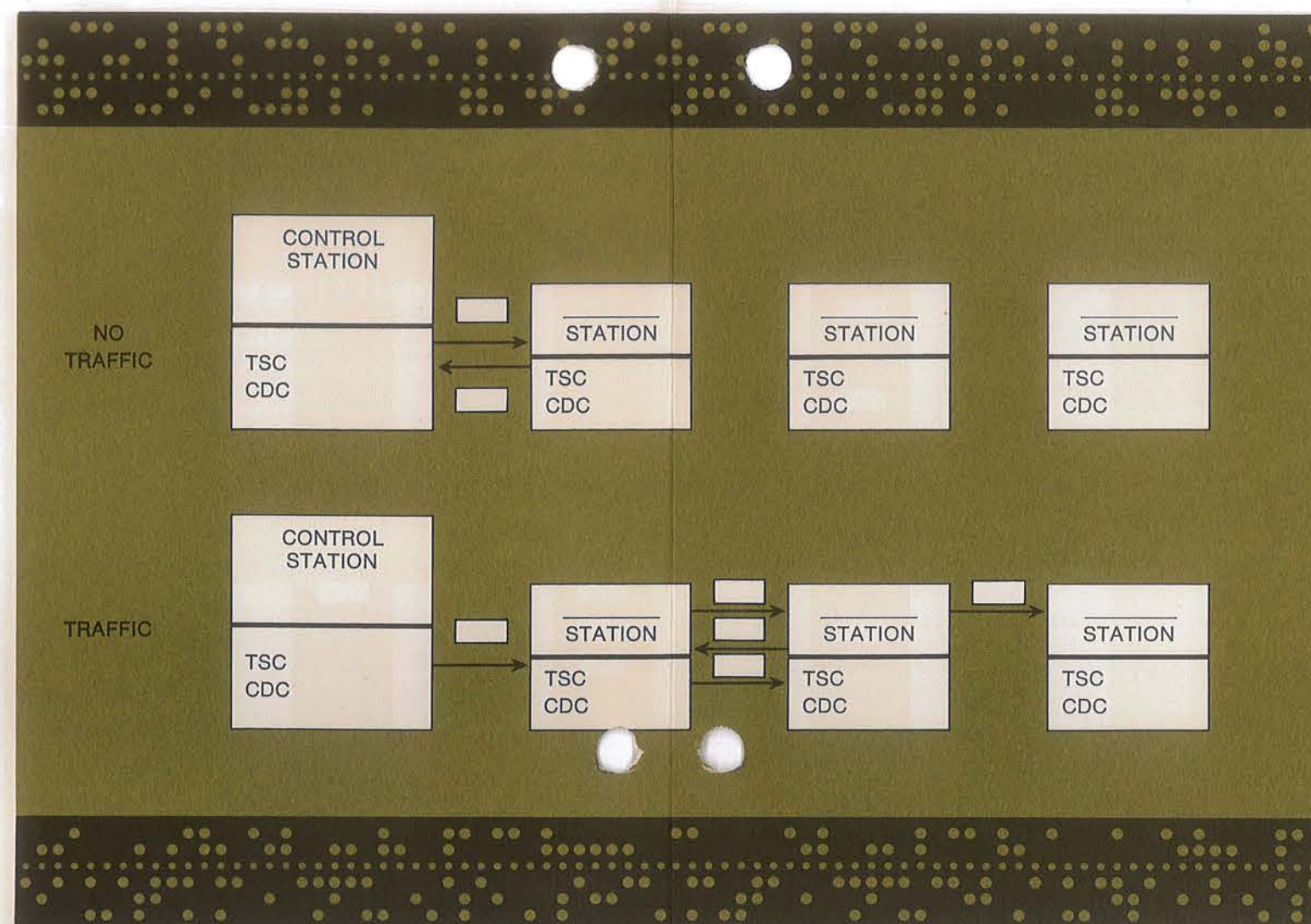
- ☐ Outlying Station Operations.
  - messages are prepared on punched paper tape and inserted in a Transmitter-Distributor (TD) unit
  - any location with prepared tape in the TD will automatically be recognized and the message will be directed to its destination
  - stations may prepare and receive messages simultaneously
- ☐ Other Operating Features.
  - system constantly polices itself, checking each station to make sure all are operational to send or receive
  - special controls and audible and visual signals at the control center give indication of circuit operation
  - messages are never sent until originating station receives required answerback code from the called locations
  - messages can be sent to a single station, to

several stations, to a predetermined group of stations, or broadcast to all stations

- messages can be sent manually from a keyboard if desired

## SPECIAL FEATURES MEET SPECIAL NEEDS

- ☐ A push button calling arrangement can be used in place of CDC codes.
- ☐ An automatic intercept circuit can intercept messages with incorrect or garbled addresses.
  - assures continuous operations
  - messages do not get lost or tie up system
- ☐ Automatic Cross-Office Switching.
  - permits high speed automatic relaying of messages between selective calling lines
- ☐ Selected stations can be equipped to transmit with priority.
  - expedites delivery of special tape messages



## SELECTIVE CALLING TELETYPEWRITER SYSTEM GIVES YOUR BUSINESS THESE ADVANTAGES

### ECONOMY AND INCREASED EFFICIENCY

- ☐ Ties together operating departments of your business with fast, direct written communications.
  - unlimited communications for a fixed monthly cost
  - message scheduling, transmission and receiving are all automatic
  - continuity of service is established
- ☐ A constant polling for traffic assures maximum circuit use.
  - no idle periods between messages
- ☐ Automatic sending and receiving equipment at all locations permits attendants more time for other duties.
  - no operator assistance is required to establish a connection
  - no waiting by any station attendant to try to "seize" the circuit
  - stations disconnect automatically at the end of a message
- ☐ Stations have equal opportunity to send messages.
  - high volume stations can be programmed for priority sequence selection
- ☐ Operational Flexibility.
  - lines and stations can be easily added if needs require
  - 60 and 75 WPM systems can be quickly upgraded
- ☐ Permits you to attain greater efficiency in the communications that control your administrative, purchasing, production, marketing, sales and distributing functions.
  - keep all company branches informed of rates and delivery dates
  - gather operating data quickly when it is needed
  - speed timely management decisions to operating departments
  - get up-to-the-minute inventories on merchandise and materials
  - investigate late deliveries and trace lost shipments easier, faster
  - maintain customer good will by providing more accurate shipping and delivery information
  - adjust sales forecasts by gathering current market information
  - adjust production schedules quickly to meet changing market conditions



## HERE'S YOUR SELECTIVE CALLING TELETYPEWRITER SYSTEM WITH AUTOMATIC MESSAGE ROUTING

SERVICE		CHARGE
TRANSMISSION SPEED ___ W.P.M.	No. of Lines	
	Interexchange Channels	
STATIONS	Channel Terminations	
	Local Channels	
BASIC STATION EQUIPMENT	28 ASR	
	28 KSR	
	28 ROTR	
	28 RT	
SIGNALING AND CONTROL ARRANGEMENTS		

TOTAL MONTHLY CHARGE



28 RECEIVING ONLY  
TYPING REPERFORATOR

TRANSMITTER  
START CONTROL PANEL



28 AUTOMATIC SEND-RECEIVE



28 REPERFORATOR-  
TRANSMITTER



28 KEYBOARD  
SEND-RECEIVE



**BELL TELEPHONE SYSTEM**