



# OPTIONS GUIDE.....



Asynchronous  
**dataspeed<sup>®</sup> 4420**

**Keyboard - Display**

999-301-124 (990-324)

Issue 1

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**ANSWER-BACK (A/B)**

- Position the cursor in the line immediately below the line beginning with A/B & PF Coding and directly beneath the first numeral (1) (See Fig. 1).

- Enter the new answer-back code.

NOTE 1: A maximum of 40 characters may be used. If programmable functions are not used and the answer-back consists of less than 40 characters the last character of the answer-back must be followed by an underline character.

NOTE 2: If all 40 characters are used in the answer-back code no PF codes can be entered.

**PROGRAMMABLE FUNCTIONS (PF)**

- Position the cursor in the line immediately below the line beginning with A/B & PF Coding and directly under the number following the last answer-back character.

NOTE: If an answer-back is not present the cursor must be positioned directly beneath the first numeral (1).

- Enter the first character

NOTE: The first character of every PF sequence must be underlined. Underlining is accomplished by the sequence (character), (backspace), (underline).

- Enter the remainder of the PF sequence.

- Enter the next PF sequence (up to 10 PF sequences may be entered).

NOTE: The first PF sequence entered is controlled by the PF 1 key, the second by the PF2 key and so forth, up to PFO for the tenth sequence.

**PRINTER TABS**

- The 132 possible columns of a printer are designated across the display in two rows under PRINTER TABS, columns 1 through 80 appear first followed by columns 81 through 132 (See Fig. 1).

- To enter horizontal tab stops:

- Position the cursor below the column number of the desired tab stop (using the CURSOR POSITIONING KEYS).
- Enter either an upper case or lower case x.
- Repeat the above steps for as many tab stops as required.

NOTE: Do not enter horizontal tab positions beyond the right hand margin capability of the associated printer.

**FEATURE AND OPTION RECORD FORM**

- Check desired option.
- \* Indicates factory programming
- Prim — Primary Option Selection
- Alt — Alternate Option Selection

KEYBOARD DISPLAY OPTIONS			
201.	Speed Selection	Prim	Alt
	a. 110 Baud	* <input type="checkbox"/>	<input type="checkbox"/>
	b. 300 Baud	<input type="checkbox"/>	* <input type="checkbox"/>
	c. 1200 Baud	<input type="checkbox"/>	<input type="checkbox"/>
	d. 2400 Baud	<input type="checkbox"/>	<input type="checkbox"/>
	e. 4800 Baud	<input type="checkbox"/>	<input type="checkbox"/>
	f. 9600 Baud	<input type="checkbox"/>	<input type="checkbox"/>
202.	ASYNCHRONOUS/ISOCRONOUS OPERATION	Prim	Alt
	a. Asynchronous	* <input type="checkbox"/>	* <input type="checkbox"/>
	b. Isochronous	<input type="checkbox"/>	<input type="checkbox"/>
203.	Disconnect Timer (Lack of Received Carrier)	Prim	Alt
	a. 45 Seconds	* <input type="checkbox"/>	* <input type="checkbox"/>
	b. Disabled	<input type="checkbox"/>	<input type="checkbox"/>
204.	Auto Answer Printer Control	Prim	Alt
	a. Printer turned "ON" on Auto Answer	* <input type="checkbox"/>	* <input type="checkbox"/>
	b. Disabled	<input type="checkbox"/>	<input type="checkbox"/>
205.	Received Parity	Prim	Alt
	a. Ignore Received Parity	<input type="checkbox"/>	<input type="checkbox"/>
	b. Substitute Character on Parity Error	* <input type="checkbox"/>	* <input type="checkbox"/>
206.	Send Cursor, Edit Controls	Prim	Alt
	a. Enabled	* <input type="checkbox"/>	* <input type="checkbox"/>
	b. Disabled	<input type="checkbox"/>	<input type="checkbox"/>
207.	Parity Check and Generation	Prim	Alt
	a. Even	* <input type="checkbox"/>	* <input type="checkbox"/>
	b. Odd	<input type="checkbox"/>	<input type="checkbox"/>
	c. 8th Bit Mark	<input type="checkbox"/>	<input type="checkbox"/>
	d. 8th Bit Space	<input type="checkbox"/>	<input type="checkbox"/>
208.	End Character — Message Send to On-Line Message Preparation Mode	Prim	Alt
	a. EOT	<input type="checkbox"/>	<input type="checkbox"/>
	b. ETX	<input type="checkbox"/>	<input type="checkbox"/>
	c. FF	<input type="checkbox"/>	<input type="checkbox"/>
	d. GS	<input type="checkbox"/>	<input type="checkbox"/>
	e. ETB	<input type="checkbox"/>	<input type="checkbox"/>
	f. ACK	<input type="checkbox"/>	<input type="checkbox"/>
	g. NAK	<input type="checkbox"/>	<input type="checkbox"/>
	h. CR	<input type="checkbox"/>	<input type="checkbox"/>
	i. DC1	<input type="checkbox"/>	<input type="checkbox"/>
	j. DC3	<input type="checkbox"/>	<input type="checkbox"/>
	k. None	* <input type="checkbox"/>	* <input type="checkbox"/>
209.	End Character — Message Send to Interactive Mode	Prim	Alt
	a. EOT	* <input type="checkbox"/>	* <input type="checkbox"/>
	b. ETX	<input type="checkbox"/>	<input type="checkbox"/>
	c. FF	<input type="checkbox"/>	<input type="checkbox"/>
	d. GS	<input type="checkbox"/>	<input type="checkbox"/>
	e. ETB	<input type="checkbox"/>	<input type="checkbox"/>
	f. ACK	<input type="checkbox"/>	<input type="checkbox"/>
	g. NAK	<input type="checkbox"/>	<input type="checkbox"/>
	h. CR	<input type="checkbox"/>	<input type="checkbox"/>
	i. DC1	<input type="checkbox"/>	<input type="checkbox"/>
	j. DC3	<input type="checkbox"/>	<input type="checkbox"/>
	k. None	<input type="checkbox"/>	<input type="checkbox"/>

Fig. 2  
DATASPEED 4420 RECORD FORM

**KEYBOARD DISPLAY OPTIONS (Contd)**

<b>210.</b>	<b>End Character – Interactive to Message Send Mode</b>	<b>Prim</b>	<b>Alt</b>
a.	EOT	<input type="checkbox"/>	<input type="checkbox"/>
b.	ETX	<input type="checkbox"/>	<input type="checkbox"/>
c.	FF	<input type="checkbox"/>	<input type="checkbox"/>
d.	GS	<input type="checkbox"/>	<input type="checkbox"/>
e.	ETB	<input type="checkbox"/>	<input type="checkbox"/>
f.	ACK	<input type="checkbox"/>	<input type="checkbox"/>
g.	NAK	<input type="checkbox"/>	<input type="checkbox"/>
h.	CR	<input type="checkbox"/>	<input type="checkbox"/>
i.	DC1	<input type="checkbox"/>	<input type="checkbox"/>
j.	DC3	<input type="checkbox"/>	<input type="checkbox"/>
k.	None	* <input type="checkbox"/>	* <input type="checkbox"/>
<b>211.</b>	<b>End Character – Interactive to On-Line Message Preparation Mode</b>	<b>Prim</b>	<b>Alt</b>
a.	EOT	<input type="checkbox"/>	<input type="checkbox"/>
b.	ETX	<input type="checkbox"/>	<input type="checkbox"/>
c.	FF	<input type="checkbox"/>	<input type="checkbox"/>
d.	GS	<input type="checkbox"/>	<input type="checkbox"/>
e.	ETB	<input type="checkbox"/>	<input type="checkbox"/>
f.	ACK	<input type="checkbox"/>	<input type="checkbox"/>
g.	NAK	<input type="checkbox"/>	<input type="checkbox"/>
h.	CR	<input type="checkbox"/>	<input type="checkbox"/>
i.	DC1	<input type="checkbox"/>	<input type="checkbox"/>
j.	DC3	<input type="checkbox"/>	<input type="checkbox"/>
k.	None	* <input type="checkbox"/>	* <input type="checkbox"/>
<b>212.</b>	<b>Disconnect Characters (On-Line)</b>	<b>Prim</b>	<b>Alt</b>
a.	EOT	* <input type="checkbox"/>	* <input type="checkbox"/>
b.	DLE-EOT	<input type="checkbox"/>	<input type="checkbox"/>
c.	None	<input type="checkbox"/>	<input type="checkbox"/>
<b>213.</b>	<b>Line End Sequence (Message Send)</b>	<b>Prim</b>	<b>Alt</b>
a.	LF	* <input type="checkbox"/>	* <input type="checkbox"/>
b.	CR, LF	<input type="checkbox"/>	<input type="checkbox"/>
c.	CR, CR LF	<input type="checkbox"/>	<input type="checkbox"/>
<b>214.</b>	<b>Monitor Keyboard Send Data</b>	<b>Prim</b>	<b>Alt</b>
a.	Enable	* <input type="checkbox"/>	* <input type="checkbox"/>
b.	Disable	<input type="checkbox"/>	<input type="checkbox"/>
<b>215.</b>	<b>Batch Stop/Start Send Control</b>	<b>Prim</b>	<b>Alt</b>
a.	Line Break	* <input type="checkbox"/>	* <input type="checkbox"/>
b.	DC3 to Stop, DC1 to Start	<input type="checkbox"/>	<input type="checkbox"/>
c.	SCF Controlled	<input type="checkbox"/>	<input type="checkbox"/>
<b>216.</b>	<b>Stop/Start Receive Control</b>	<b>Prim</b>	<b>Alt</b>
a.	Line Brak	* <input type="checkbox"/>	* <input type="checkbox"/>
b.	DC3 to Stop, DC1 to Start	<input type="checkbox"/>	<input type="checkbox"/>
c.	SCA Controlled	<input type="checkbox"/>	<input type="checkbox"/>
<b>217.</b>	<b>Through 220. Future Use— Code with a space.</b>		
<b>221.</b>	<b>NL/CR Keytop Arrangement</b>	*	<input type="checkbox"/>
a.	NL Large Keytop/CR Small Keytop		<input type="checkbox"/>
b.	CR Large Keytop/NL Small Keytop		<input type="checkbox"/>
c.	HT Large Keytop/CR Small Keytop		<input type="checkbox"/>
<b>222.</b>	<b>Cursor Address/Readout Definition</b>	*	<input type="checkbox"/>
a.	Row, Column		<input type="checkbox"/>
b.	Column, Row		<input type="checkbox"/>
<b>223.</b>	<b>Store Received Control Characters</b>	*	<input type="checkbox"/>
a.	Store All Control Characters		<input type="checkbox"/>
b.	Do Not Store Any Control Characters		<input type="checkbox"/>
<b>224.</b>	<b>Store Received CR Character</b>	*	<input type="checkbox"/>
a.	Store CR		<input type="checkbox"/>
b.	Do Not Store CR		<input type="checkbox"/>
<b>225.</b>	<b>Store Received Null</b>	*	<input type="checkbox"/>
a.	Store Null		<input type="checkbox"/>
b.	Do Not Store CR		<input type="checkbox"/>
<b>226.</b>	<b>Store Received Delete</b>	*	<input type="checkbox"/>
a.	Store Delete		<input type="checkbox"/>
b.	Do Not Store Null		<input type="checkbox"/>
<b>227.</b>	<b>Store Received DC1 and DC3</b>	*	<input type="checkbox"/>
a.	Store DC1 and DC3		<input type="checkbox"/>
b.	Do Not Store DC1 and DC3		<input type="checkbox"/>
<b>228.</b>	<b>Store Received DC2 and DC4</b>	*	<input type="checkbox"/>
a.	Store DC2 and DC4		<input type="checkbox"/>
b.	Do Not Store DC2 and DC4		<input type="checkbox"/>

**KEYBOARD DISPLAY OPTIONS (Contd)**

- 229. Receive On-Line Edit
  - a. Do Not Perform, Do Not Store ESC Sequences
  - b. Do Not Perform, Store ESC Sequences
  - c. Perform, Do Not Store ESC Sequences \*
- 230. Message Send Variations
  - a. Send Unprotected as Displayed, Protected Without Delimiters \*
  - b. Send Unprotected as Displayed, HT and Protected as Space
  - c. Send Unprotected as Displayed, HT as Space, Protected as Delete
  - d. Send Only Unprotected
  - e. Send Only Unprotected, Insert HT for Each Protected Field.
- 231. Auto Generation of NL Sequence at 80th Column
  - a. Generate NL \*
  - b. Do Not Generate NL
- 232. Send/Do Not Send Protected Control Characters
  - a. Do Not Send Protected Control Characters
  - b. Send Protected Control Characters as Unprotected \*
- 233. Message Send Highlight Delimiters
  - a. Do Not Send Highlight
  - b. Send Highlight Delimiters \*
- 234. Send Answer-back
  - a. Send Upon Auto Answer
  - b. Do Not Send Upon Auto Answer \*
- 235. Start of Message Send Definition
  - a. Send From Cursor \*
  - b. Send From Home
  - c. Send From Beginning of Current Line
- 236. DC2/DC4 Printer Control
  - a. Enabled
  - b. Disabled \*
- 237. Data Set 212 LIA Auto Select
  - a. Enabled
  - b. Disabled \*
- 238. Interactive Send
  - a. Disabled
  - b. Enabled \*
- 239. Through 241, Future Use — Code With a Space
- 242. Through 299. — Not Present
- 300. Type of Printer
  - a. No Printer \*
  - b. 80 Column Model 43 (Friction Feed)
  - c. 132 Column Model 43 (Pin Feed)
  - d. 80 Column Model 40
  - e. 132 Column Model 40
- 301. Repsonse to Paper Printer Alarms
  - a. Send Break, Do Not Disconnect Call
  - b. Send Break, Disconnect Call
  - c. Disconnect Call Only
  - d. Finish Call \*
- 302. Print ON-LINE Lock
  - a. Disabled \*
  - b. Enabled
- 303. Through 304. Future Use — Code With a Space

