BELL SYSTEM PRACTICES
AT&T CO STANDARD

COMMON LANGUAGE ENCODER
TRANSMISSION EQUIPMENT

SECTION 795-201-149
ISSUE 32, JUNE 1982

CODE DIGIT 5

FEATURE				CODE
W/ORIGINAL LATCH-UP MODIFICATION				
EXTENDER W/VF GAIN 1 ESS, 2 ESS, 5 XB, SXS, 3 ESS			REG 1	//A/
			REG 2	//D/
			REG 2 (X)	//G/
			REG 3	//F/
			REG 5A	5
			REG 7A(3)	7
REG ANCILLARY EQUIPMENT	POWER UNIT	FOR USE IN 3600 OHM LOOP E/W TOUCH-TONE	NO	B
			YES	K
	BY PASS UNIT			C
	TEST FIXTURE	TA1		//T/
		141A		S
E6 REPEATER RE (2)				E
DK1 CIRCUIT PACK (1)				//1/
2A TYPE - SXS & 5XB (1)				2

CODE DIGIT 6

FEATURE		CODE
E6RE IMPROVED DESIGN WITH REDUCED POWER DRAIN	NO	//0/
	YES	1
FOR USE W/CONCENTRATED OR PER LINE APPLICATIONS		2
W/IMPROVED SAFETY		3
IMPROVED MAINTENANCE OPERATION (CREG APPLICATION IN 1/1A ESS OFFICES)		4
OTHER		0

CODE DIGIT 7

FEATURE			CODE
W/IMPROVED LATCH-UP MODIFICATION			
W/AUTOMATIC GAIN CONTROL			
			//0/
REG ONLY	X		1
		X	3
OTHER			0

CODE DIGIT 8

REFERENCE	5	6	7	CODE
SD-1C247-01				
SD-97716-01	A	0,3	0	/B%/
SD-97716-02	D,F,G	0,3	0,3	/F%/
SD-97716-03				
SD-97718-01	C,T	0	0	D*%
DK1 CP	1	0	0	A*%
E6 RE	E	0,1	0	H*%
1A BYP	C	2	0	L*%
2A RE	2	0	0	A*%
5A RE	5	0	1	J*%
7A RE	7	2,4	1	K*%
71A PWR U	B,K	0	0	C*%
136K PWR U	B	2	0	M*%
141A TST	S	0	0	G*%

NOTES: (1) SEE DLMX
(2) SEE ERM0, INTENDED FOR SPECIAL SERVICE ONLY
(3) 2 CKT UNIT

DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER
SUBSCRIBER LOOP - NONCOIN

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CODE DIGIT 5 FEATURE	CODE
W/O GAIN, FOR USE IN SXS, 1XB, 5XB, 1ESS AND 2ESS OFFICES (1)	H
W/AUTO-VF GAIN CONTROL, FOR USE IN SXS, XBAR, ESS OFFICES, DIAL TONE OR COIN FIRST	8

CODE DIGIT 6 FEATURE	CODE
EXTENDER UNIT	1
COIN FIRST POLARITY DETECTOR	/2/
POWER INVERTER	3
ALARM AND TRANSFER CIRCUIT	4
METALLIC BY-PASS	5
EXTENDER TEST UNIT	6

CODE DIGIT 7 FEATURE	CODE
NO CHOICE	0

CODE DIGIT 8				
REFERENCE	5	6	7	CODE
NS-02517-01	H	1 TO 6	0	E*%
8A RE	8	1	0	M*%

NOTES:

DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER
SUBSCRIBER LOOP - COIN

DLXR   DLXR   DLXR   DLXR   DLXR   DLXR   DLXR   795-201-149

CODE DIGIT 5 FEATURE	CODE	CODE DIGIT 6 FEATURE	CODE	CODE DIGIT 7 FEATURE	CODE
HARVEY HUBBELL (PULSE COM) (ORBIT)	R	COMPATIBLE WITH ESS OFC		H88 CABLE	
LORAIN PRODUCTS	L	MULTI PARTY USE		D66 CABLE	
SAN/BAR	N	2 PARTY ANI			
WESCOM — STANDARD	W	REMOTE TEST BYPASS		VF REPEATER — AUTOMATIC GAIN	X 1 ; X 2
WESCOM — HIGH DENSITY	Z	E/W VFR DISABLER LEAD		NONE	0
		E/W SURGE PROTECTION			
		E/W RING TRIP			

Code Digit 6 battery/shunt matrix:

										CODE
					X				X	A
					X		X X X X	B
						X				C
BATTERY BOOST TYPE	96V					X X			L
				X X					J
							X X		D
	72V						X		E
					X		X		K
	72V/96V			X X	X	X		R
									F
SHUNT TYPE	USED/W GAS TUBE RINGERS	YES			X X X	G
		NO					H
			X		X X	S

CODE DIGIT 8

REFERENCE	5	6	7	CODE
HYHL	R	D,E,F, G,H,K,S	0	9%
LORN	L	A	0	7%
		B	0,1,2	
SNBR	N	J	0	4%
WSCM	W	C,R	0	6%
	Z	C,L	0	

NOTES: DLXRLA07 FOR USE WITH 101 ESS ONLY

DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER - SUBSCRIBER LOOPS - NON COIN - INDIVIDUAL OR MULTIPARTY LINES

DLXR   DLXR   DLXR   DLXR   DLXR   DLXR   DLXR   795-201-149

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CODE DIGIT 5 FEATURE	CODE	CODE DIGIT 6 FEATURE	CODE	CODE DIGIT 7 FEATURE	CODE
LEAR SIEGLER	S	ARRD FOR WECO MTG SHELF		H88 CABLE	
		MULTI PARTY USE		D66 CABLE	
		REMOTE TEST BYPASS		H88 OR NL CABLE	
		E/W VFR DISABLER LEAD		D66 OR NL CABLE	
		E/W SURGE PROTECTION		LONGITUDINAL NETWORK	
		GAS TUBE DIVD RINGING		CROSS TALK IMPROVEMENT	
		CMPTBL W/HIGH BAT FEED RES			

Code Digit 6 — Battery Boost Type matrix:

96V	72V	ARRD	MULTI	RMT	E/W VFR	E/W SRG	GAS	CMPTBL	CODE
							X		J
96V									P
					X				H
						X	X		K
				X		X	X		U
		X	X		X		X		A
					X	X	X		L
			X		X	X	X		V
72V		X	X		X	X			B
				X	X		X		M
		X	X	X		X			W
		X	X	X	X		X		C
			X	X	X	X			N
		X	X	X	X	X	X		Y
		X	X	X	X	X	X	X	D

Code Digit 7 — VF REPEATER / AUTOMATIC GAIN matrix:

H88	D66	H88/NL	D66/NL	LONG	X-TALK	CODE
					X	1
				X		2
			X			3
		X				6
	X			X		9
	X		X			A
X				X		B
X			X			C
X	X		X			D
X	X		X			E

VF REPEATER | AUTOMATIC GAIN

SEE PAGE 5

CODE DIGIT 8				
REFERENCE	5	6	7	CODE
LEAR	S	H	1,2	1%
		J	1,3	
		P	1,2,3,6	
		K,M,U,W	0,4,5, 7,8	
		A,B,C, D,L,N, V,Y	A TO E, 0,1,2, 4,5,7, 8,9	

NOTES:

DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER - SUBSCRIBER LOOPS - NON COIN - INDIVIDUAL OR MULTIPARTY LINES

DLXR   DLXR   DLXR   DLXR   DLXR   DLXR   DLXR   795-201-149

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|            CODE DIGIT 5              |      |            CODE DIGIT 6             |      |     CODE DIGIT 7          |
|              FEATURE           |CODE |      |              FEATURE          |CODE |      |       FEATURE       |CODE |
|--------------------------------+-----|------+-------------------------------+-----|------+---------------------+-----|
| SEE PAGE 4                     |     |      | SEE PAGE 4                    |     |      | H88 CABLE                  |
|                                |     |      |                               |     |      |----------------------------|  |  |
|                                |     |      |                               |     |      | D66 CABLE                  |  |  |
|                                |     |      |                               |     |      |------------------------|  |  |  |
|                                |     |      |                               |     |      | H88 OR NL CABLE            |  |  |  |
|                                |     |      |                               |     |      |--------------------|  |  |  |  |
|                                |     |      |                               |     |      | D66 OR NL CABLE            |  |  |  |  |
|                                |     |      |                               |     |      |----------------|  |  |  |  |  |
|                                |     |      |                               |     |      | LONGITUDINAL NETWORK       |  |  |  |  |  |
|                                |     |      |                               |     |      |------------|  |  |  |  |  |  |
|                                |     |      |                               |     |      | CROSS TALK IMPROVEMENT     |  |  |  |  |  |  |
|                                |     |      |                               |     |      |--------|  |  |  |  |  |  |
|                                |     |      |                               |     |      |       | MANUAL  |-|-|-|-|-|-|----|
|                                |     |      |                               |     |      |       | GAIN    |-|-|-|-|X|  4 |
|                                |     |      |                               |     |      |       |         |  |  |  |X|  5 |
|                                |     |      |                               |     |      | VF    |---------|-|-|-|-|-|-|----|
|                                |     |      |                               |     |      | REPEATER|         |  |  |  |X|  7 |
|                                |     |      |                               |     |      |       | DUAL GAIN|-|-|-|-|-|-|---|
|                                |     |      |                               |     |      |       |         |  |  |X|  8 |
|                                |     |      |                               |     |      |       |---------|-|-|-|-|-|-|----|
|                                |     |      |                               |     |      |       | NONE    |  |  |  |  | 0 |
|                                |     |      |                               |     |      |---------------------------|----|
|                                |     |      |                               |     |      |                                |
|                                |     |      |                               |     |      |--------------------------------|
|                                |     |      |                               |     |      |         CODE DIGIT 8           |
|                                |     |      |                               |     |      |--------------------------------|
|                                |     |      |                               |     |      | REFERENCE    5     6     7  CODE|
|                                |     |      |                               |     |      |--------------------------------|
|                                |     |      |                               |     |      |         |SEE   |   |   |   |   |
|                                |     |      |                               |     |      |         |PAGE 4 |   |   |   |   |
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|NOTES:                                                    |DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER - SUBSCRIBER LOOPS -
|                                                          |             NON COIN - INDIVIDUAL OR MULTIPARTY LINES
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CODE DIGIT 5 FEATURE	CODE	CODE DIGIT 6 FEATURE	CODE	CODE DIGIT 7 FEATURE	CODE
TELLABS	M	LOOP START		INPUT BAT ON PIN — A / L	
		LOOP/GROUND START			
		OPT REV BAT SUPVN		ACCEPTS PULSE CORRECTOR PLUG-ON (1)	0 / X 1 / X 2
		EXTENDED - RINGING			
		USED W/ TELLABS TYPE: 10 / 12 MOUNTING SHELF	T, U, V, S, W	OTHER	3
		REV BAT ADPTR SUBASSM PLUG-ON	Y		

Code Digit 6 detail (USED W/ TELLABS TYPE / MOUNTING SHELF):

	10	12	CODE
		X	T
	X		U
		X	V
X		X	S
	X	X	W

CODE DIGIT 8

REFERENCE		5	6	7	CODE
>TSLS	M	T,U,V,S / W / Y	0 / 1,2 / 3		3%

NOTES: (1) SEE DLTP

DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER - SUBSCRIBER LOOPS -
NON COIN

CODE DIGIT 5 FEATURE	CODE	CODE DIGIT 6 FEATURE			CODE	CODE DIGIT 7 FEATURE		CODE
TRANSCOM	T	LOOP SIG	1-2 PARTY	MAX 4 RINGERS	K	HARDWIRED		0
		EXT	MULTI-PARTY	> 4 RINGERS	R	PLUG-IN	ACPT PLUG-ON PULSE CORR (1)	1
		LOOP START			S			
		GROUND START			U			

CODE DIGIT 8

REFERENCE	5	6	7	CODE
TSCM	T	S,U	1	3%
TSCM DLL	T	K,R	0	2

NOTES: (1) SEE DLAP

DESCRIPTION: DIAL LONG LINE - RANGE EXTENDER - SUBSCRIBER LOOPS - NON COIN - INDIVIDUAL OR MULTIPARTY LINES