

**CODE COMPRESSOR AND CONNECTOR FRAMES
AND SUBSCRIBER SENDER RECYCLE FRAME
6-DIGIT TRANSLATION
EQUIPMENT DESIGN REQUIREMENTS
NO. 1 CROSSBAR AND PANEL SYSTEMS**

1. GENERAL

Scope

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the framework, equipment, and circuits to be used in the engineering, manufacture, and installation of the code compressor, connector and subscriber sender recycle frames for 6-digit translation (sender recycle) in No. 1 crossbar and panel offices.

1.02 This specification is being reissued to bring it into conformity with the general Plant Series numbering plan as a multi-number practice and to add a new BSP number 815-220-150. This specification last appeared under BSP 816-551-150 as Issue 2 and under AA388.113 as Issue 1 and Appendixes 1, 2, and 3.

Capacity

1.03 The code compressor frame has a capacity of three code compressors, the compressor part of 20 connectors, a traffic control unit, a trouble indicator unit, and connector preference control units.

1.04 The connector frame (sender part) has a capacity of 10 connectors and associated preference and control units.

1.05 The subscriber sender recycle frame has a capacity of fifty subscriber sender recycle units.

Description

1.06 Six-digit translation provides a means of handling 10-digit calls to adjacent areas, in existing panel and No. 1 crossbar offices, without the use of auxiliary senders. With 6-digit translation operation, area codes representing adjacent areas are translated into a single indication and the A, B, and C digit registers in the sender are released for re-use in recording the office code. This permits the retention of existing route trunking arrangements and charging facilities. Calls to more distant areas are to be completed by means of the auxiliary sender method as at present.

1.07 When the sender receives the third digit of an area code the associated sender recycle circuit cause an idle code compressor to be connected to the sender by means of a code compressor connector. The area code is then registered in the sub-

scribers sender recycle unit. If the area code is one to be compressed, the compressor translates it into a single indication and causes the sender to recycle by restoring the A, B and C registers to normal in time to receive the registration of the first digit of the office code. After the office code has been dialed, the sender notifies the marker to call in a foreign area translator to determine which route relay should be operated for the required office code. If the compressor finds the area code is not to be compressed, it notifies the sender to call in an auxiliary sender and to proceed in the normal way for a direct distance dialed call. The compressor is then disconnected and returned to normal.

1.08 The code compressor frame (J95111A) consists of a bulb-angle type framework, 11 feet 6 inches high and 2 feet 5/8 inch long, equipped as shown in Fig. 1. The frame has a fuse panel and terminal strip; multicontact relays for 20 connectors associated with any of three code compressors, multicontact relays for connecting any of the three compressors to the trouble indicator, three code compressor units, connector busy relays, a jack lamp key and switch panel, a traffic control unit, and a trouble indicator unit.

1.09 The code compressor connector frame (J95111C) consists of a bulb-angle type framework, 11 feet 6 inches high and 2 feet 5/8 inch long, equipped as shown in Fig. 2. The frame has a fuse panel, multicontact relay, connector control units, a jack field, and sender relays.

1.10 The subscriber sender recycle frame (J95111E) consists of a bulb-angle type framework equipped as shown in Fig. 3. The frame has a fuse panel and 50 subscriber sender recycle units (J95111P). This frame may be used with either panel or No. 1 crossbar subscriber senders.

1.11 The compressor preference control unit (J95111G) is a one-plate surface-wired unit for the CB and CS connector relays for one compressor in five consecutively numbered code compressor connectors. All leads, except battery and ground supply leads which require external connections, appear on terminal strips on the unit. This unit is always fully equipped.

1.12 The sender relay unit (J95111H) is a single-plate surface-wired unit with ten wire spring relays and a terminal strip. One unit is required per connector for each

ten subscriber senders. All leads, except battery and ground supply leads requiring external connection, appear on terminal strips. This unit is always fully equipped.

1.13 The code compressor unit (J95111K) is a 5-plate surface-wired unit. All leads requiring external connection appear on D-type terminal strips. This unit is always furnished fully equipped.

1.14 The traffic control unit (J95111L) is a 2-plate surface-wired unit and is always furnished fully equipped. All leads requiring external connection appear on D-type terminal strips.

1.15 The trouble indicator unit (J95111M) is a 4-plate surface-wired unit and is always furnished fully equipped. All leads, except the lamp leads, requiring external connection appear on D-type terminal strips.

1.16 The code compressor connector control unit (J95111N) is a 2-plate surface-wired unit always furnished fully equipped. All leads requiring external connection appear on D-type terminal strips.

1.17 The subscriber sender recycle unit (J95111P) is a one-plate surface-wired unit. All leads requiring an external connection appear on D-type terminal strips. This unit can be used with either No. 1 crossbar or panel subscriber senders.

Floor Plan Arrangements

1.18 For maintenance and cabling reasons it is preferable that the code compressor connector and subscriber sender recycle frames be mounted as a unit. However, since these frames will be installed in existing offices, this arrangement may not always be feasible. If possible, the connector and associated sender recycle frames should be arranged as a unit. This will facilitate cabling.

Subdivisions of Equipment and Detailed Index

WECo J drawings should be ordered by referring to the prefix and base number and requesting the current dash (-) number.

<u>Circuit Drawing</u>	<u>Equipment Code</u>	<u>Rating of Unit</u>	<u>Title</u>	<u>Equipment Drawing</u>	<u>Ckts per Unit</u>	<u>Mtg Plts per Unit</u>
SD-96525-01 SD-96534-01	J95111E	AT&TCo Std	Subscriber Sender Recycle Frame	J95111E-()		
SD-96525-01	J95111P	AT&TCo Std	Subscriber Sender Recycle Unit	J95111P-()	1	1
SD-96526-01 SD-96527-01 SD-96528-01 SD-96534-01	J95111A	AT&TCo Std	Code Compressor Frame	J95111A-()		
SD-96526-01 SD-96534-01	J95111C	AT&TCo Std	Code Compressor Con- nector Frame	J95111C-()		
SD-96526-01	J95111G	AT&TCo Std	Code Compressor Con- nector Preference Control Unit	J95111G-()	5	1
SD-96526-01	J95111H	AT&TCo Std	Sender Preference Unit	J95111H-()	10	1
SD-96526-01	J95111L	AT&TCo Std	Traffic Control Unit	J95111L-()	1	2
SD-96526-01	J95111N	AT&TCo Std	Connector Control Unit	J95111N-()	1	2
SD-96527-01	J95111K	AT&TCo Std	Code Compressor Unit	J95111K-()	1	5
SD-96528-01	J95111M	AT&TCo Std	Trouble Indicator Unit	J95111M-()	1	4
SD-96534-01	J95111B	AT&TCo Std	Fuse Panel for Code Compressor Frame	J95111B-()		
SD-96534-01	J95111D	AT&TCo Std	Fuse Panel for Code Compressor Connector Frame	J95111D-()		

<u>Circuit Drawing</u>	<u>Equipment Code</u>	<u>Rating of Unit</u>	<u>Title</u>	<u>Equipment Drawing</u>	<u>Ckts Per Unit</u>	<u>Mtg Plts Per Unit</u>
SD-96534-01	J95111F	AT&TCo Std	Fuse Panel for Sub- scriber Sender Re- cycle Frame	J95111F-()		

2. SUPPLEMENTARY INFORMATION

815-000-000 - Panel Systems Index
816-000-000 - No. 1 Crossbar System Index
Floor Plan Data
Section 7.1,
Sheet 53 - Code Compressor Frame
Sheet 54 - Code Compressor Connector Frame
Sheet 55 - Subscriber Sender Recycle Frame

3. DRAWINGS

For additional drawings forming a part of this specification, see listings under Subdivisions of Equipment and Detailed Index.

Key Sheets

SD-21300-01 - Panel Systems - Battery Cutoff Relay Office
SD-21680-01 - Panel Systems - Ground Cutoff Relay Office
SD-25000-01 - No. 1 Crossbar System

Framework

ED-25529-70 - Guard Rail Junctions
ED-92744-10 - Bulb-angle Frame
ED-92925-01 - Fuse Panel Assembly

Wiring and Cabling

ED-20622-01 - Method of Running Battery and Ground Leads - Single-sided Frames - Panel System
ED-25346-14 }
ED-25346-15 } - Method of Running Power Feeders
ED-25346-16 }
ED-27114-01 - Table of Wire Gauges and Type of Insulation - No. 1 Crossbar
ED-95039-10 - Switchboard Cabling Details - Code Compressor Frame
ED-95040-10 - Switchboard Cabling Details - Connector Frame
ED-95041-10 - Switchboard Cabling Details - Subscriber Sender Recycle Frame

4. EQUIPMENT

J95111A (AT&TCo Std) - Code Compressor Frame

Equipment - J95111A-()

List 1 - Framework, assembly, wiring and common equipment for one code compressor frame arranged, but not equipped, for three code compressor units and 20 connectors (compressor part). (See note A.)

Wire Equip

Mounting Bar, P-40B657 E/W,
286B Rel Pos 1-10, BU6A
TS Pos 11

2

Wire Equip

Conn Ckt, SD-96526-01:
Strap Wire Multiple,
CAD 5 2
Conn Multiple for
Conn 0-9 & 10-19,
CAD 4 20
Code Comp Conn Ckt,
Fig. 3 & 4 60
Fig. 7 1
Code Comp Ckt,
SD-96527-01, Fig. 1 3 B
Code Comp Trouble In-
dicator Ckt, SD-96528-01:
Fig. 1 1
Fig. 2, 3, & 4 1 1
Fig. 5 1 0
Fig. 6 1 1
Misc Ckt for Recycle
Frames, SD-96534-01:
Fig. 3, 6, 8, 9, 10,
& 12 1 1
Fig. 5 5 5
Fig. 11 1 0
Fig. 12 1 0
Fig. 13 1 0

List 2 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for code compressor 2.

Wire Equip

Mounting Bar, P-40B657 E/W,
286B Rel Pos 1-10 &
BU6A TS Pos 11 1
Strap Wire Multiple per
SD-96526-01, CAD 5 1

List 3 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for connectors 10 to 19 for code compressors 0 and 1.

Equip

Mounting Bar, P-40B657 E/W,
BU6A TS Pos 11 2
99A App Blk in Pos 1-10 20
Strap Wire Multiple per
SD-96526-01 CAD 10 2

List 4 - Equipment per SD-96526-01, two Fig. 4 required in addition to list 3 for each connector 10, 11, etc, or 19 equipped for code compressors 0 and 1. Omit 99A apparatus blank.

- List 5 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for connectors 10 to 19 for code compressor 2.

Wire Equip

Mounting Bar, P-40B657,
BU6A TS Pos 11 1
99A App Blk in Pos 1 to 10 20
Strap Wire Multiple per
SD-96526-01, CAD 10 1

- List 6 - Equipment per SD-96526-01, Fig. 4, required in addition to list 5 for each connector 10, 11, etc, or 19 equipped for code compressor 2.
- List 7 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.
- List 8 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.
- List 9 - Equipment and wiring per SD-96534-01, Fig. 13, required in addition to list 1, remote control jack for trouble indicator circuit release.

Notes

- A. A code compressor frame should be equipped in list 1 for two code compressors J95111K, 0 and 1, and for ten connectors (0 to 9), one traffic control unit J95111L, one trouble indicator unit J95111M, one frame fuse panel J95111B, and connector preference control units J95111G.
- B. The frame local cable should include all leads designated LC on the CAD figures, as well as battery and ground leads and the connector multiple cable for connectors 0 to 9 for compressors 0 to 2.
- C. The +130V supply is fused at both the code compressor frame and at the miscellaneous fuse bay. There should be a 1-1/3 ampere fuse at the fuse bay.
- D. The miscellaneous -48V TBS, and +130V TBS fuses are at the miscellaneous fuse bay and are furnished one per code compressor frame.

J95111B (AT&TCo Std) - Code Compressor Frame Fuse Panel

Equipment - J95111B-()

- List 1 - Assembly, equipment and wiring for one code compressor frame fuse panel.

Wire Equip

Misc Ckt for Recycle Frames,
SD-96534-01:
Fig. 1 1 1
Fig. 4 48 37
Fig. 5 8 5

J95111C (AT&TCo Std) - Code Compressor Connector Frame (Sender Part)

Equipment - J95111C-()

- List 1 - Framework, assembly, wiring and common equipment for one code compressor connector frame (sender part) arranged, but not equipped, for a maximum of 100 senders and 10 connectors.

Wire Equip See Notes

Code Comp Conn Ckt,
SD-96526-01:
Fig. 1 & 2 100 0 A,B,C
Fig. 5 10 0 A
Fig. 6 10 10 A

Misc Ckt for Recycle Frames,
SD-96534-01,
Fig. 7, 8, 9, & 10 1 1
Fig. 11 1 0
Fig. 12 1 0

- List 2 - Framework, assembly, equipment and strap-wire multiple required for each connector equipped. (See note B.)

Wire Equip

Mounting Bar, P-40B657,
BU6A TS Pos 11 1
Conn Ckt, SD-96526-01:
Wire strap Multiple per
CAD 3 1
Code Comp Conn Ckt,
Fig. 2 10

- List 3 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.
- List 4 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.

Notes

- A. Wiring specified in list 1 is contained in the frame local cable and includes leads designated LC in CAD figures of SD-96526-01, as well as battery and ground leads for the frame.
- B. One list 2 shall be provided for each connector equipped in the order 0, 1, 2, etc, or 9.
- C. The code compressor connector frame shall be equipped with one J95111N control unit and one J95111H sender preference unit per connector equipped.

<u>Circuit Drawing</u>	<u>Equipment Code</u>	<u>Rating of Unit</u>	<u>Title</u>	<u>Equipment Drawing</u>	<u>Ckts Per Unit</u>	<u>Mtg Plts Per Unit</u>
SD-96534-01	J95111F	AT&TCo Std	Fuse Panel for Subscriber Sender Recycle Frame	J95111F-()		

2. SUPPLEMENTARY INFORMATION

815-000-000 - Panel Systems Index
816-000-000 - No. 1 Crossbar System Index
Floor Plan Data
Section 7.1,
Sheet 53 - Code Compressor Frame
Sheet 54 - Code Compressor Connector Frame
Sheet 55 - Subscriber Sender Recycle Frame

3. DRAWINGS

For additional drawings forming a part of this specification, see listings under Subdivisions of Equipment and Detailed Index.

Key Sheets

SD-21300-01 - Panel Systems - Battery Cutoff Relay Office
SD-21680-01 - Panel Systems - Ground Cutoff Relay Office
SD-25000-01 - No. 1 Crossbar System

Framework

ED-25529-70 - Guard Rail Junctions
ED-92744-10 - Bulb-angle Frame
ED-92925-01 - Fuse Panel Assembly

Wiring and Cabling

ED-20622-01 - Method of Running Battery and Ground Leads - Single-sided Frames - Panel System
ED-25346-14 }
ED-25346-15 } - Method of Running Power Feeders
ED-25346-16 }
ED-27114-01 - Table of Wire Gauges and Type of Insulation - No. 1 Crossbar
ED-95039-10 - Switchboard Cabling Details - Code Compressor Frame
ED-95040-10 - Switchboard Cabling Details - Connector Frame
ED-95041-10 - Switchboard Cabling Details - Subscriber Sender Recycle Frame

4. EQUIPMENT

J95111A (AT&TCo Std) - Code Compressor Frame

Equipment - J95111A-()

List 1 - Framework, assembly, wiring and common equipment for one code compressor frame arranged, but not equipped, for three code compressor units and 20 connectors (compressor part). (See note A.)

Wire Equip

Mounting Bar, P-40B657 E/W,
286B Rel Pos 1-10, BU6A
TS Pos 11

2

Conn Ckt, SD-96526-01:

Strap Wire Multiple,
CAD 5

Conn Multiple for
Conn 0-9 & 10-19,
CAD 4

Code Comp Conn Ckt,
Fig. 3 & 4
Fig. 7

Code Comp Ckt,
SD-96527-01, Fig. 1

Code Comp Trouble Indicator Ckt, SD-96528-01:
Fig. 1

Fig. 2, 3, & 4

Fig. 5

Fig. 6

Misc Ckt for Recycle

Frames, SD-96534-01:

Fig. 3, 6, 8, 9, 10,
& 12

Fig. 5

Fig. 11

Fig. 12

Fig. 13

Wire Equip

2

20

60

1

3

B

1

1

1

1

1

1

5

5

1

0

1

0

1

0

List 2 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for code compressor 2.

Wire Equip

Mounting Bar, P-40B657 E/W,

286B Rel Pos 1-10 &

BU6A TS Pos 11

1

Strap Wire Multiple per

SD-96526-01, CAD 5

1

List 3 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for connectors 10 to 19 for code compressors 0 and 1.

Equip

Mounting Bar, P-40B657 E/W,

BU6A TS Pos 11

2

99A App Blk in Pos 1-10

20

Strap Wire Multiple per

SD-96526-01 CAD 10

2

List 4 - Equipment per SD-96526-01, two Fig. 4 required in addition to list 3 for each connector 10, 11, etc, or 19 equipped for code compressors 0 and 1. Omit 99A apparatus blank.

- List 5 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for connectors 10 to 19 for code compressor 2.

Wire Equip

Mounting Bar, P-40B657,
BUGA TS Pos 11 1
99A App Blk in Pos 1 to 10 20
Strap Wire Multiple per
SD-96526-01, CAD 10 1

- List 6 - Equipment per SD-96526-01, Fig. 4, required in addition to list 5 for each connector 10, 11, etc, or 19 equipped for code compressor 2.

- List 7 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.

- List 8 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.

- List 9 - Equipment and wiring per SD-96534-01, Fig. 13, required in addition to list 1, remote control jack for trouble indicator circuit release.

Notes

- A. A code compressor frame should be equipped in list 1 for two code compressors J95111K, 0 and 1, and for ten connectors (0 to 9), one traffic control unit J95111L, one trouble indicator unit J95111M, one frame fuse panel J95111B, and connector preference control units J95111G.
- B. The frame local cable should include all leads designated LC on the CAD figures, as well as battery and ground leads and the connector multiple cable for connectors 0 to 9 for compressors 0 to 2.
- C. The +130V supply is fused at both the code compressor frame and at the miscellaneous fuse bay. There should be a 1-1/3 ampere fuse at the fuse bay.
- D. The miscellaneous -48V TBS, and +130V TBS fuses are at the miscellaneous fuse bay and are furnished one per code compressor frame.

J95111B (AT&TCo Std) - Code Compressor Frame Fuse Panel

Equipment - J95111B-()

- List 1 - Assembly, equipment and wiring for one code compressor frame fuse panel.

Wire Equip

Misc Ckt for Recycle Frames,
SD-96534-01:

Fig. 1	1	1
Fig. 4	48	37
Fig. 5	8	5

J95111C (AT&TCo Std) - Code Compressor Connector Frame (Sender Part)

Equipment - J95111C-()

- List 1 - Framework, assembly, wiring and common equipment for one code compressor connector frame (sender part) arranged, but not equipped, for a maximum of 100 senders and 10 connectors.

Wire Equip See Notes

Code Comp Conn Ckt,
SD-96526-01:

Fig. 1 & 2	100	0	A,B,C
Fig. 5	10	0	A
Fig. 6	10	10	A

Misc Ckt for Recycle Frames,
SD-96534-01,

Fig. 7, 8, 9, & 10	1	1
Fig. 11	1	0
Fig. 12	1	0

- List 2 - Framework, assembly, equipment and strap-wire multiple required for each connector equipped. (See note B.)

Wire Equip

Mounting Bar, P-40B657,
BUGA TS Pos 11 1
Conn Ckt, SD-96526-01:
Wire strap Multiple per
CAD 3 1
Code Comp Conn Ckt,
Fig. 2 10

- List 3 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.

- List 4 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.

Notes

- A. Wiring specified in list 1 is contained in the frame local cable and includes leads designated LC in CAD figures of SD-96526-01, as well as battery and ground leads for the frame.
- B. One list 2 shall be provided for each connector equipped in the order 0, 1, 2, etc, or 9.
- C. The code compressor connector frame shall be equipped with one J95111N control unit and one J95111H sender preference unit per connector equipped.

<u>Circuit Drawing</u>	<u>Equipment Code</u>	<u>Rating of Unit</u>	<u>Title</u>	<u>Equipment Drawing</u>	<u>Ckts Per Unit</u>	<u>Mtg Plts Per Unit</u>
SD-96534-01	J95111F	AT&TCo Std	Fuse Panel for Sub- scriber Sender Re- cycle Frame	J95111F-()		

2. SUPPLEMENTARY INFORMATION

815-000-000 - Panel Systems Index
816-000-000 - No. 1 Crossbar System Index
Floor Plan Data
Section 7.1,
Sheet 53 - Code Compressor Frame
Sheet 54 - Code Compressor Connector Frame
Sheet 55 - Subscriber Sender Recycle Frame

3. DRAWINGS

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SD-21680-01 - Panel Systems - Ground Cutoff Relay Office
SD-25000-01 - No. 1 Crossbar System

Framework

ED-25529-70 - Guard Rail Junctions
ED-92744-10 - Bulb-angle Frame
ED-92925-01 - Fuse Panel Assembly

Wiring and Cabling

ED-20622-01 - Method of Running Battery and Ground Leads - Single-sided Frames - Panel System
ED-25346-14
ED-25346-15 - Method of Running Power Feeders
ED-25346-16
ED-27114-01 - Table of Wire Gauges and Type of Insulation - No. 1 Crossbar
ED-95039-10 - Switchboard Cabling Details - Code Compressor Frame
ED-95040-10 - Switchboard Cabling Details - Connector Frame
ED-95041-10 - Switchboard Cabling Details - Subscriber Sender Recycle Frame

4. EQUIPMENT

J95111A (AT&TCo Std) - Code Compressor Frame

Equipment - J95111A-()

List 1 - Framework, assembly, wiring and common equipment for one code compressor frame arranged, but not equipped, for three code compressor units and 20 connectors (compressor part). (See note A.)

Wire Equip

Mounting Bar, P-40B657 E/W,
286B Rel Pos 1-10, BU6A
TS Pos 11

2

Wire Equip

Conn Ckt, SD-96526-01:
Strap Wire Multiple,
CAD 5 2
Conn Multiple for
Conn 0-9 & 10-19,
CAD 4 20
Code Comp Conn Ckt,
Fig. 3 & 4 60
Fig. 7 1
Code Comp Ckt,
SD-96527-01, Fig. 1 3 B
Code Comp Trouble In-
dicator Ckt, SD-96528-01:
Fig. 1 1
Fig. 2, 3, & 4 1 1
Fig. 5 1 0
Fig. 6 1 1
Misc Ckt for Recycle
Frames, SD-96534-01:
Fig. 3, 6, 8, 9, 10,
& 12 1 1
Fig. 5 5 5
Fig. 11 1 0
Fig. 12 1 0
Fig. 13 1 0

List 2 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for code compressor 2.

Wire Equip

Mounting Bar, P-40B657 E/W,
286B Rel Pos 1-10 &
BU6A TS Pos 11 1
Strap Wire Multiple per
SD-96526-01, CAD 5 1

List 3 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for connectors 10 to 19 for code compressors 0 and 1.

Equip

Mounting Bar, P-40B657 E/W,
BU6A TS Pos 11 2
99A App Blk in Pos 1-10 20
Strap Wire Multiple per
SD-96526-01 CAD 10 2

List 4 - Equipment per SD-96526-01, two Fig. 4 required in addition to list 3 for each connector 10, 11, etc, or 19 equipped for code compressors 0 and 1. Omit 99A apparatus blank.

List 5 - Framework, assembly, equipment and strap wire multiple required in addition to list 1 for connectors 10 to 19 for code compressor 2.

Wire Equip

Mounting Bar, P-40B657,
BU6A TS Pos 11 1
99A App Blk in Pos 1 to 10 20
Strap Wire Multiple per
SD-96526-01, CAD 10 1

List 6 - Equipment per SD-96526-01, Fig. 4, required in addition to list 5 for each connector 10, 11, etc, or 19 equipped for code compressor 2.

List 7 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.

List 8 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.

List 9 - Equipment and wiring per SD-96534-01, Fig. 13, required in addition to list 1, remote control jack for trouble indicator circuit release.

Notes

- A. A code compressor frame should be equipped in list 1 for two code compressors J95111K, 0 and 1, and for ten connectors (0 to 9), one traffic control unit J95111L, one trouble indicator unit J95111M, one frame fuse panel J95111B, and connector preference control units J95111G.
- B. The frame local cable should include all leads designated LC on the CAD figures, as well as battery and ground leads and the connector multiple cable for connectors 0 to 9 for compressors 0 to 2.
- C. The +130V supply is fused at both the code compressor frame and at the miscellaneous fuse bay. There should be a 1-1/3 ampere fuse at the fuse bay.
- D. The miscellaneous -48V TBS, and +130V TBS fuses are at the miscellaneous fuse bay and are furnished one per code compressor frame.

J95111B (AT&TCo Std) - Code Compressor Frame Fuse Panel

Equipment - J95111B-()

List 1 - Assembly, equipment and wiring for one code compressor frame fuse panel.

Wire Equip

Misc Ckt for Recycle Frames,
SD-96534-01:

Fig. 1	1	1
Fig. 4	48	37
Fig. 5	8	5

J95111C (AT&TCo Std) - Code Compressor Connector Frame (Sender Part)

Equipment - J95111C-()

List 1 - Framework, assembly, wiring and common equipment for one code compressor connector frame (sender part) arranged, but not equipped, for a maximum of 100 senders and 10 connectors.

Wire Equip See Notes

Code Comp Conn Ckt,
SD-96526-01:

Fig. 1 & 2	100	0	A,B,C
Fig. 5	10	0	A
Fig. 6	10	10	A

Misc Ckt for Recycle Frames,
SD-96534-01,

Fig. 7, 8, 9, & 10	1	1
Fig. 11	1	0
Fig. 12	1	0

List 2 - Framework, assembly, equipment and strap-wire multiple required for each connector equipped. (See note B.)

Wire Equip

Mounting Bar, P-40B657,
BU6A TS Pos 11 1

Conn Ckt, SD-96526-01:

Wire strap Multiple per CAD 3	1
Code Comp Conn Ckt, Fig. 2	10

List 3 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.

List 4 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.

Notes

- A. Wiring specified in list 1 is contained in the frame local cable and includes leads designated LC in CAD figures of SD-96526-01, as well as battery and ground leads for the frame.
- B. One list 2 shall be provided for each connector equipped in the order 0, 1, 2, etc, or 9.
- C. The code compressor connector frame shall be equipped with one J95111N control unit and one J95111H sender preference unit per connector equipped.

D. The +130V supply is fused at both the code compressor connector frame and at the miscellaneous fuse bay. There should be a 1-1/3 ampere fuse at the miscellaneous fuse bay.

E. The miscellaneous, -48V TBS and +130V TBS fuses are located at the miscellaneous fuse bay and are furnished one per code compressor connector frame.

J95111D (AT&TCo Std) - Code Compressor Connector Frame Fuse Panel

Equipment - J95111D-()

List 1 - Assembly, equipment and wiring for one code compressor connector frame fuse panel.

Wire Equip

Misc Ckt for Recycle Frames,
SD-96534-01:

Fig. 2	1	1
Fig. 4	40	30
Fig. 5	12	10

J95111E (AT&TCo Std) - Subscriber Sender Recycle Frame

Equipment - J95111E-()

List 1 - Framework, assembly, wiring, and common equipment for one subscriber recycle frame arranged to mount 50 subscriber sender recycle units.

Wire Equip See Note

Jack, Key and Lamp Panel, ED-25278-30, G5		1	
Sub. Sdr Recycle Ckt, SD-96525-01:			
Fig. 1	50		A
Fig. 2	5	5	
Misc Ckt for Recycle Frame, SD-96534-01, Fig. 8	1	1	
Fig. 11	1	0	
Fig. 12	1	0	

List 2 - Equipment per SD-96534-01, Fig. 11, required in addition to list 1, when two or more frame lines are required per recycle group.

List 3 - Equipment per SD-96534-01, Fig. 12, required in addition to list 1, remote control jack for sender test circuit, when two or more offices are served.

Note

A. A subscriber sender recycle unit J95111P shall be equipped for each subscriber sender to be modified.

J95111F (AT&TCo Std) - Subscriber Sender Recycle Frame Fuse Panel

Equipment - J95111F-()

List 1 - Assembly, equipment and wiring for one subscriber sender recycle frame fuse panel.

Wire Equip

Misc Ckt for Recycle Frame,

SD-96534-01:

Fig. 2	1	1
Fig. 4	60	60

J95111G (AT&TCo Std) - Code Compressor Connector Preference Control Unit

Equipment - J95111G-()

List 1 - Equipment and wiring for one code compressor connector preference control unit per SD-96526-01, five Fig. 3.

J95111H (AT&TCo Std) - Sender Preference Unit

Equipment - J95111H-()

List 1 - Equipment and wiring for one sender relay unit for ten subscriber senders for one code compressor connector per SD-96526-01, ten Fig. 1.

J95111K (AT&TCo Std) - Code Compressor Unit

Equipment - J95111K-()

List 1 - Equipment and wiring for one code compressor unit per SD-96527-01, Fig. 1.

J95111L (AT&TCo Std) - Code Compressor Connector Traffic Control Unit

Equipment - J95111L-()

List 1 - Equipment and wiring for one code compressor connector traffic control unit per SD-96526-01, Fig. 7.

J95111M (AT&TCo Std) - Code Compressor Connector Trouble Indicator Unit

Equipment - J95111M-()

List 1 - Equipment and wiring for one code compressor connector trouble indicator per SD-96528-01, Fig. 1.

List 2 - Equipment and wiring per SD-96528-01, Fig. 5, required in addition to list 1 to provide trouble indicator circuit remote control feature.

List 3 - Equipment and wiring per SD-96528-01, Fig. 6, required in addition to list 1 to provide contact protection for sealed contact relays.

J95111N (AT&TCo Std) - Code Compressor Connector Control Unit

Equipment - J95111N-()

List 1 - Equipment and wiring for one code compressor connector control unit per SD-96526-01, Fig. 5.

J95111P (AT&TCo Std) - Subscriber Sender Recycle Unit

Equipment - J95111P-()

List 1 - Equipment and wiring for one subscriber sender recycle unit per SD-96525-01, Fig. 1.

5. GENERAL NOTES

5.01 Furnish two code compressor units for a maximum of 150 subscriber senders.

Furnish three code compressor units for 151 to 200 subscriber senders.

Wiring and Cabling

5.02 Gauge and type of wire shall be in accordance with ED-27114-01.

5.03 J95111J is unassigned.

5.04 Assignment of senders to code compressor connectors and associated subscriber sender recycle units in accordance with the following.

(1) In panel offices, the ten subscriber senders in a code compressor connector and associated subscribers sender recycle units shall be assigned in the same pattern that is used in assigning senders to the selectors in the subscriber sender test frame.

(2) In No. 1 crossbar, the ten originating senders associated with a code compressor connector and associated subscriber sender recycle units shall be assigned so that they agree with the senders in one subgroup of senders on the originating sender test frame.

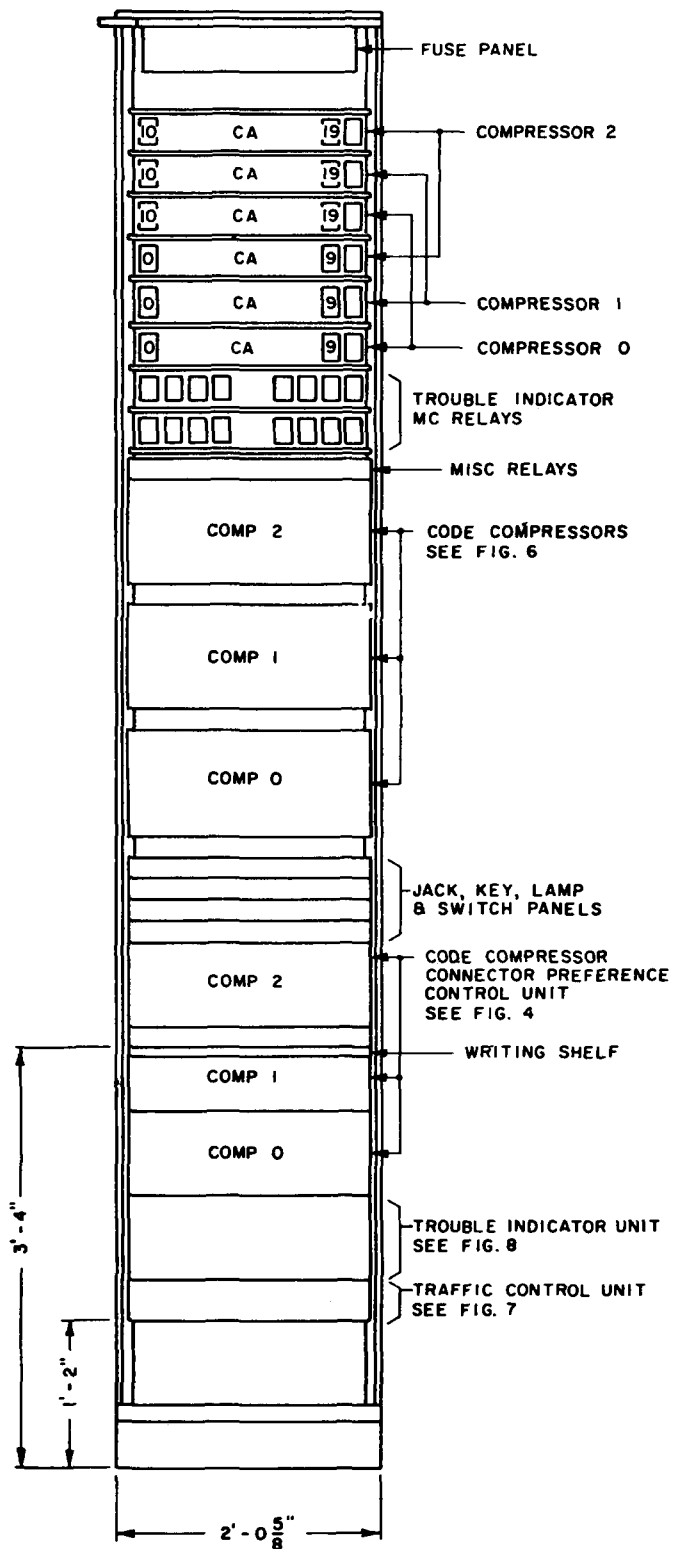


Fig. 1 - Code Compressor Frame - J95111A

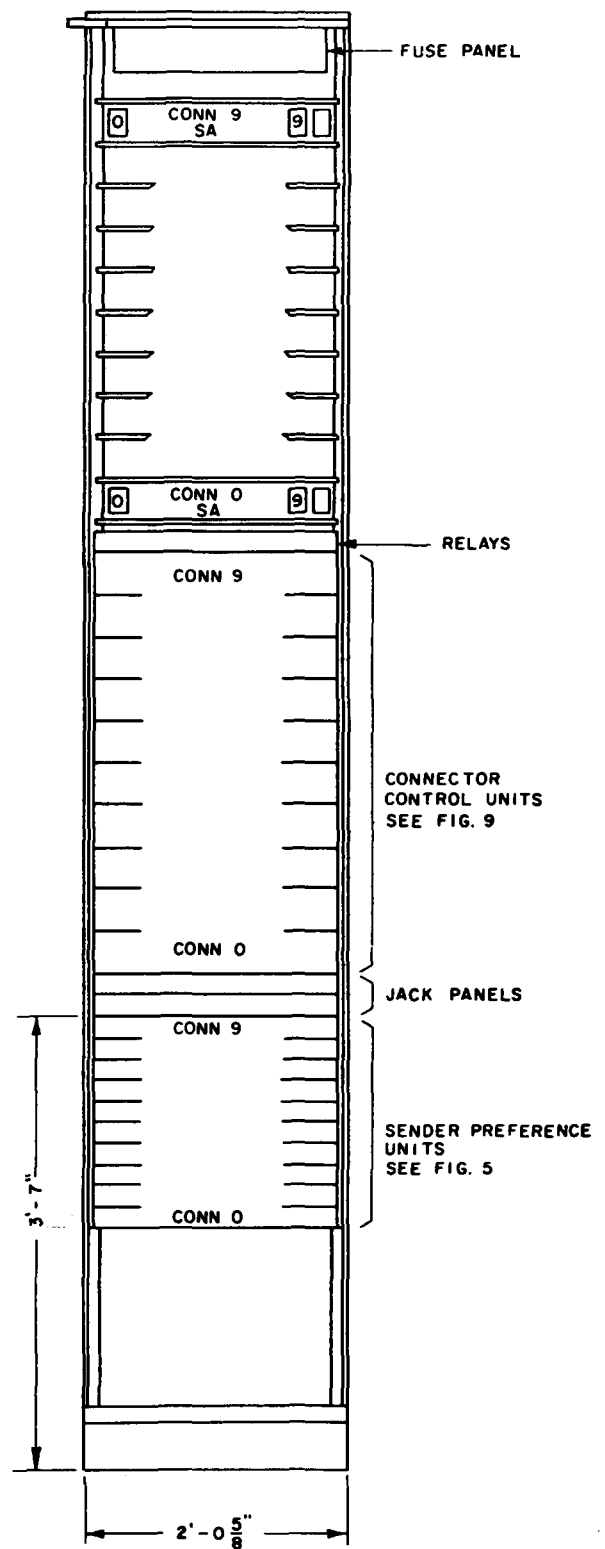


Fig. 2 - Code Compressor Connector Frame - J95111C

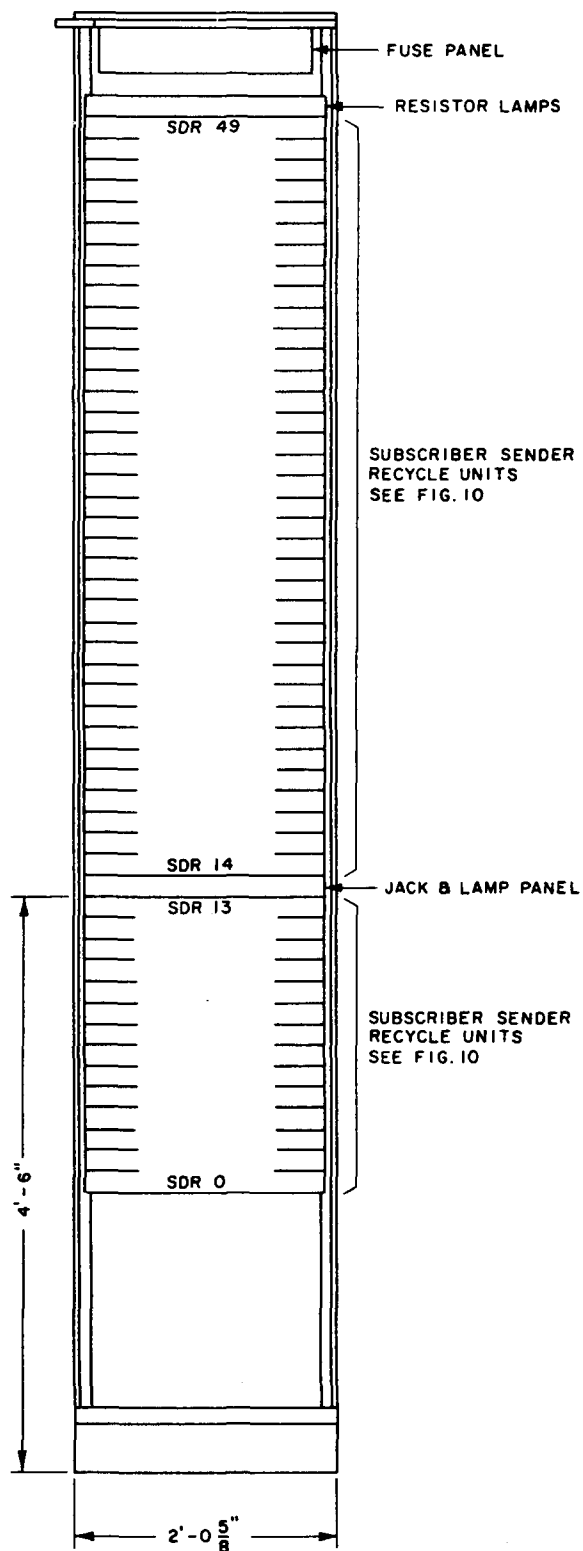


Fig. 3 - Subscriber Sender Recycle Frame - J95111E

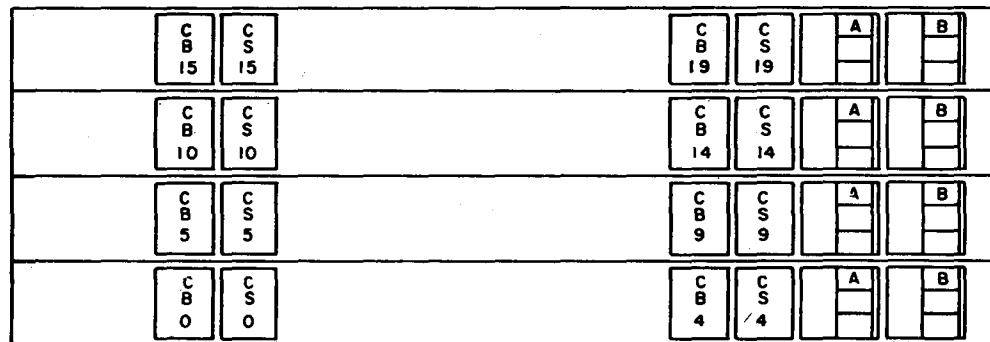


Fig. 4 - Code Compressor Preference Control Units - J95111G



Fig. 5 - Sender Relay Unit - J95111H

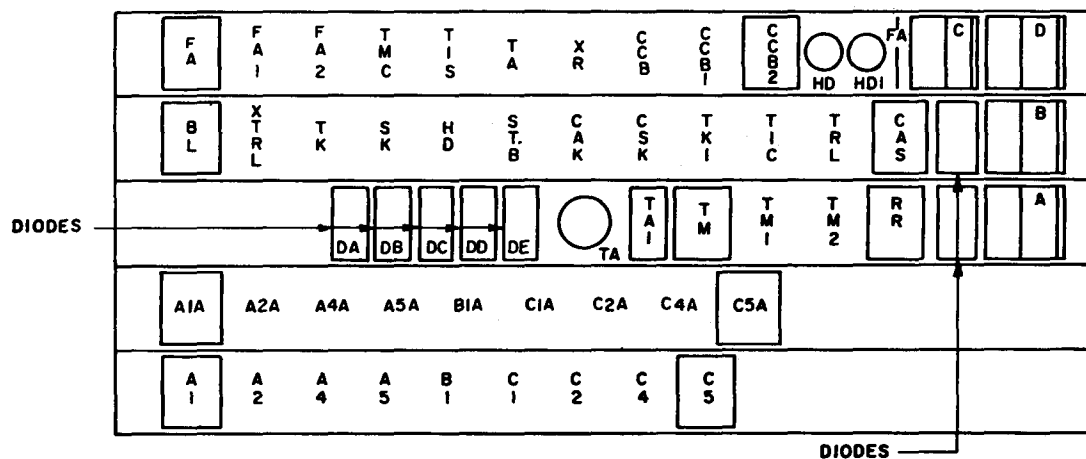


Fig. 6 - Code Compressor Unit - J95111K

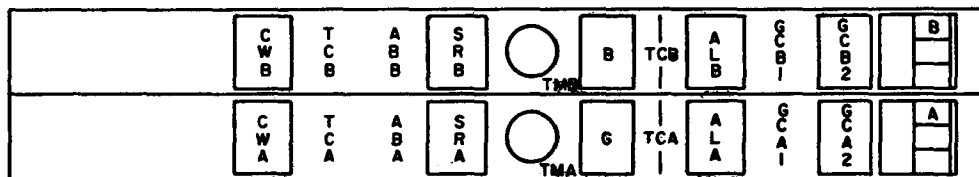


Fig. 7 - Traffic Control Unit - J95111L

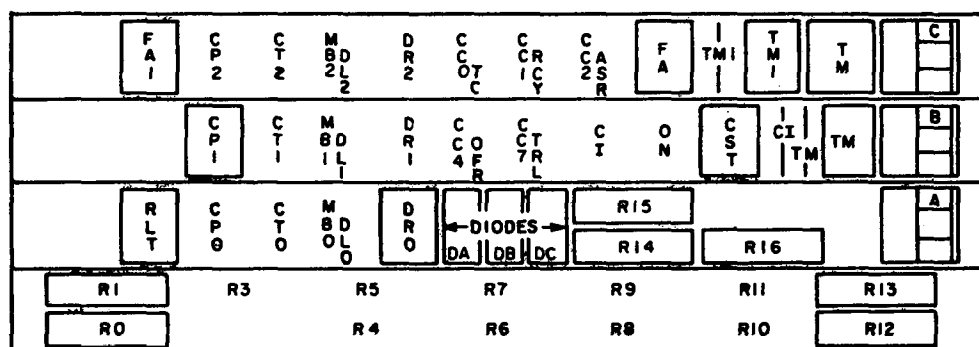


Fig. 8 - Trouble Indicator Unit - J95111M

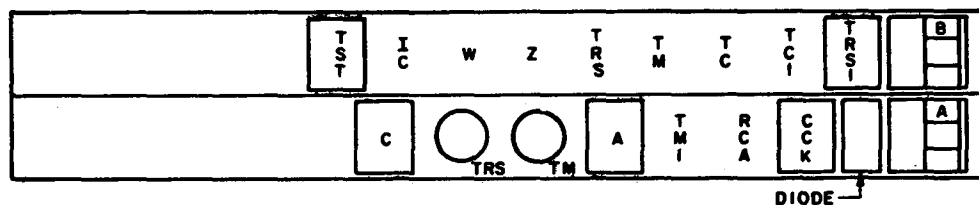


Fig. 9 - Code Compressor Connector Control Unit - J95111N

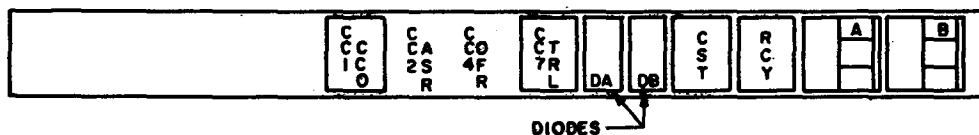


Fig. 10 - Subscriber Sender Recycle Unit - J95111P

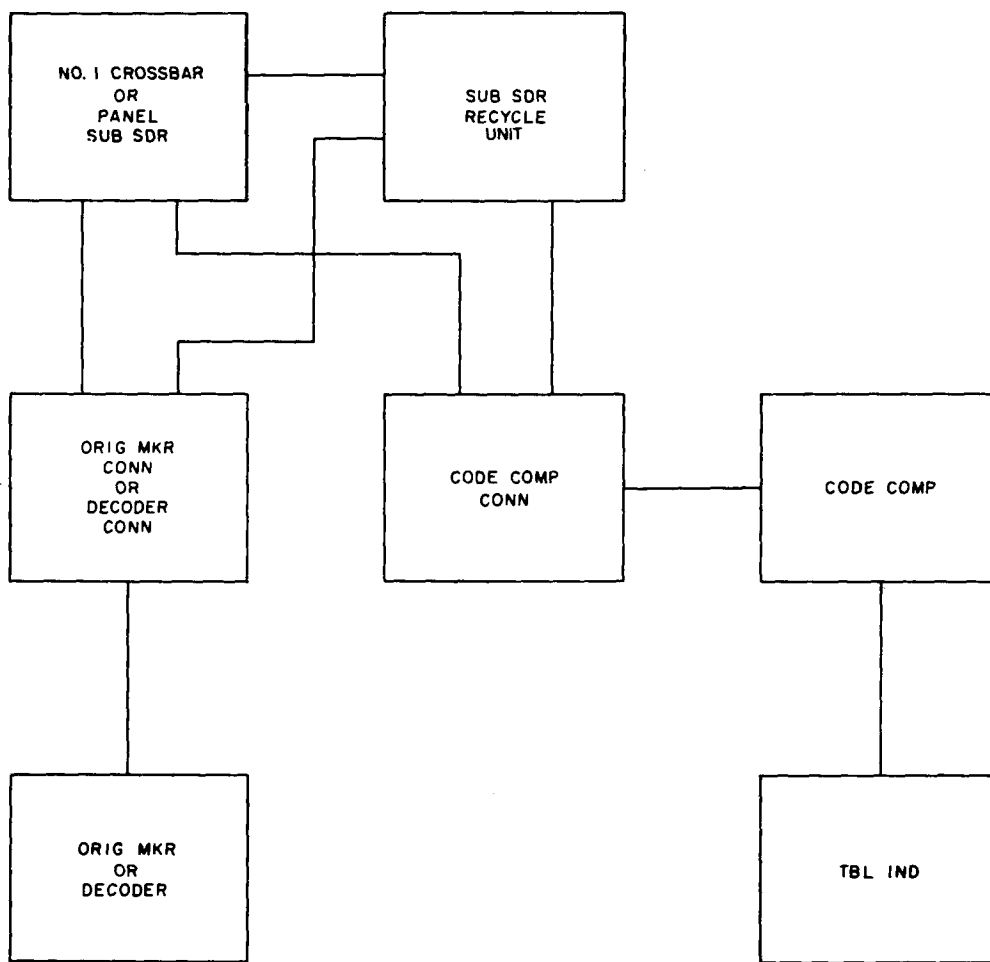


Fig. 11 - Six-digit Translation Arrangement

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